


```

#           plcc44
#           plcc68
#           vqfp80
#           plcc84
#           pqfp100
# Family:   42mx
# Device:   a42mx09
#           plcc84
#           pqfp100
#           vqfp100
#           pqfp160
#           tqfp176
# Device:   a42mx16
#           plcc84
#           pqfp100
#           vqfp100
#           pqfp160
#           tqfp176
#           pqfp208
# Device:   a42mx24
#           plcc84
#           pqfp160
#           tqfp176
#           pqfp208
# Device:   a42mx36
#           cqfp208
#           pqfp208
#           pqfp240
#           cqfp256
#           bga272
# Family:   500k
# Device:   a500k050
#           fbga144
#           pqfp208
#           bga272
# Device:   a500k130
#           fbga144
#           pqfp208
#           fbga256
#           bga272
#           bga456
# Device:   a500k180
#           pqfp208
#           fbga256
#           bga456
# Device:   a500k270
#           pqfp208
#           fbga256
#           bga456
#           fbga676
# Family:   54sx
# Device:   a54sx08
#           plcc84
#           vqfp100
#           fbga144
#           tqfp144
#           tqfp176

```

```

#                               pqfp208
# Device:                       a54sx16
#                               vqfp100
#                               tqfp176
#                               cqfp208
#                               pqfp208
#                               cqfp256
# Device:                       a54sx16p
#                               vqfp100
#                               tqfp144
#                               tqfp176
#                               pqfp208
# Device:                       a54sx32
#                               tqfp144
#                               tqfp176
#                               cqfp208
#                               pqfp208
#                               cqfp256
#                               bga313
#                               bga329
# Device:                       rt54sx16
#                               cqfp208
#                               cqfp256
# Device:                       rt54sx32
#                               cqfp208
#                               cqfp256
# Family:                       54sxa
# Device:                       a54sx08a
#                               tqfp100
#                               fbga144
#                               tqfp144
#                               pqfp208
# Device:                       a54sx16a
#                               tqfp100
#                               fbga144
#                               tqfp144
#                               pqfp208
#                               fbga256
# Device:                       a54sx32a
#                               cqfp84
#                               tqfp144
#                               tqfp176
#                               cqfp208
#                               cqfp256
#                               pqfp208
#                               tqfp100
#                               fbga144
#                               fbga256
#                               bga329
#                               54sxa_fbga484
# Device:                       a54sx72a
#                               cqfp208
#                               cqfp256
#                               pqfp208
#                               fbga256
#                               54sxa_fbga484
# Device:                       rt54sx32s

```

```
#          cqfp84
#          cqfp208
#          cqfp256
#          cclg256
# Device:  rt54sx72s
#          cqfp208
#          cqfp256
#          ccga624
# Family:  act1
# Device:  a1010b
#          plcc44
#          plcc68
#          pqfp100
#          cpga84
#          vqfp80
# Device:  a1020b
#          plcc44
#          plcc68
#          vqfp80
#          plcc84
#          cpga84
#          cqfp84
#          pqfp100
# Device:  a10v10b
#          plcc68
#          vqfp80
# Device:  a10v20b
#          plcc68
#          vqfp80
#          plcc84
# Device:  rh1020
#          cqfp84
# Device:  rt1020
#          cqfp84
# Family:  act2
# Device:  a1225a
#          plcc84
#          pqfp100
# Device:  a1225xl
#          plcc84
#          cpga100
#          pqfp100
#          vqfp100
# Device:  a1225xlv
#          plcc84
#          vqfp100
# Device:  a1240a
#          plcc84
#          cpga132
#          pqfp144
#          tqfp176
# Device:  a1240xl
#          plcc84
#          cpga132
#          pqfp100
#          pqfp144
#          tqfp176
```

```
# Device: a1240xlv
# plcc84
# tqfp176
# Device: a1280a
# plcc84
# pqfp160
# cqfp172
# cpga176
# Device: a1280xl
# plcc84
# pqfp160
# cqfp172
# cpga176
# tqfp176
# pqfp208
# Device: a1280xlv
# plcc84
# tqfp176
# Device: rh1280
# cqfp172
# Device: rp1280a
# cqfp172
# Device: rt1280a
# cqfp172
# cpga176
# Family: act3
# Device: a14100a
# rqfp208
# cqfp256
# cpga257
# bga313
# Device: a1415a
# plcc84
# pqfp100
# vqfp100
# Device: a1425a
# plcc84
# pqfp100
# vqfp100
# cqfp132
# pqfp160
# Device: a1440a
# plcc84
# vqfp100
# pqfp160
# cpga175
# tqfp176
# Device: a1460a
# pqfp160
# tqfp176
# cqfp196
# cpga207
# pqfp208
# Device: a14v100a
# rqfp208
# bga313
# Device: a14v15a
```

```
#           plcc84
#           vqfp100
# Device:   a14v25a
#           plcc84
#           vqfp100
#           pqfp160
# Device:   a14v40a
#           plcc84
#           vqfp100
#           pqfp160
#           tqfp176
# Device:   a14v60a
#           pqfp160
#           tqfp176
#           pqfp208
# Device:   rt14100a
#           cqfp256
# Device:   rt1425a
#           cqfp132
# Device:   rt1460a
#           cqfp196
# Family:   axcelerator
# Device:   ax1000
#           cqfp352
#           fbga484
#           ccga624
#           fbga676
#           bga729
#           fbga896
# Device:   ax125
#           cs180
#           fbga256
#           fbga324
# Device:   ax2000
#           cqfp256
#           cqfp352
#           ccga624
#           fbga896
#           fbga1152
# Device:   ax250
#           pqfp208
#           cqfp208
#           fbga256
#           cqfp352
#           fbga484
# Device:   ax500
#           pqfp208
#           cqfp208
#           cqfp352
#           fbga484
#           fbga676
# Device:   rtax1000s
#           cqfp352
#           ccga624
# Device:   rtax2000s
#           cqfp256
#           cqfp352
```

```

#             ccga624
#             ccga1152
# Device:     rtax250s
#             cqfp208
#             cqfp352
# Device:     rtax4000s
#             cqfp352
#             ccga1272
# Family:     ex
# Device:     ex128
#             tqfp64
#             tqfp100
#             cs49
#             cs128
# Device:     ex256
#             tqfp100
#             cs128
#             cs180
# Device:     ex64
#             tqfp64
#             tqfp100
#             cs49
#             cs128
# Family:     fusion
# Device:     afs090
#             fbga256
#             qfn108
#             qfn180
# Device:     afs1500
#             fbga256
#             fbga484
#             fbga676
# Device:     afs250
#             qfn180
#             pqfp208
#             fbga256
# Device:     afs600
#             pqfp208
#             fbga256
#             fbga484
# Device:     mlafs1500
#             fbga256
#             fbga484
#             fbga676
# Device:     mlafs250
#             qfn180
#             pqfp208
#             fbga256
# Device:     mlafs600
#             pqfp208
#             fbga256
#             fbga484
# Device:     m7afs600
#             pqfp208
#             fbga256
#             fbga484
# Device:     plafs1500

```

```
#          fbga256
#          fbga484
# Device:  plafs600
#          fbga256
#          fbga484
# Device:  ulafs250
#          fbga256
# Device:  ulafs600
#          fbga256
# Family:  igloo
# Device:  agl015v2
#          qfn68
# Device:  agl015v5
#          qfn68
# Device:  agl030v2
#          cs81
#          uc81
#          vqfp100
#          qfn132
# Device:  agl030v5
#          cs81
#          uc81
#          vqfp100
#          qfn132
# Device:  agl060v2
#          vqfp100
#          cs121
# Device:  agl060v5
#          vqfp100
#          cs121
# Device:  agl1000v2
#          fbga144
#          fbga256
#          fbga484
# Device:  agl1000v5
#          fbga144
#          fbga256
#          fbga484
# Device:  agl1125v2
#          vqfp100
#          qfn132
#          fbga144
#          cs196
# Device:  agl1125v5
#          vqfp100
#          qfn132
#          fbga144
#          cs196
# Device:  agl1250v2
#          vqfp100
#          fbga144
#          cs196
# Device:  agl1250v5
#          vqfp100
#          fbga144
#          cs196
# Device:  agl600v2
```

```
#           cs281
#           fbga144
#           fbga256
#           fbga484
# Device:   agl600v5
#           cs281
#           fbga144
#           fbga256
#           fbga484
# Device:   mlagl250v2
#           vqfp100
#           fbga144
# Device:   mlagl250v5
#           vqfp100
#           fbga144
# Device:   mlagl600v2
#           cs281
#           fbga144
#           fbga256
#           fbga484
# Device:   mlagl600v5
#           cs281
#           fbga144
#           fbga256
#           fbga484
# Family:   igloo+
# Device:   aglp030v2
#           cs201
# Device:   aglp030v5
#           cs201
# Device:   aglp060v2
#           cs201
# Device:   aglp060v5
#           cs201
# Device:   aglp125v2
#           cs281
# Device:   aglp125v5
#           cs281
# Family:   iglooe
# Device:   agle3000v2
#           fbga484
#           fbga896
# Device:   agle3000v5
#           fbga484
#           fbga896
# Device:   agle600v2
#           fbga256
#           fbga484
# Device:   agle600v5
#           fbga256
#           fbga484
# Family:   pa
# Device:   apa075
#           tqfp100
#           tqfp144
#           fbga144
#           pqfp208
```

```
# Device:          apa1000
#                  pqfp208
#                  cqfp208
#                  cqfp352
#                  bga456
#                  ccga624
#                  fbga896
#                  fbga1152
# Device:          apa150
#                  tqfp100
#                  fbga144
#                  pqfp208
#                  fbga256
#                  bga456
# Device:          apa300
#                  fbga144
#                  pqfp208
#                  cqfp208
#                  fbga256
#                  cqfp352
#                  bga456
# Device:          apa450
#                  fbga144
#                  pqfp208
#                  fbga256
#                  bga456
#                  pa_fbga484
# Device:          apa600
#                  pqfp208
#                  cqfp208
#                  fbga256
#                  cqfp352
#                  bga456
#                  pa_fbga484
#                  ccga624
#                  fbga676
# Device:          apa750
#                  pqfp208
#                  bga456
#                  fbga676
#                  fbga896
# Family:          proasic3
# Device:          a3p015
#                  qfn68
# Device:          a3p030
#                  vqfp100
#                  qfn132
# Device:          a3p060
#                  vqfp100
#                  qfn132
#                  fbga144
#                  tqfp144
# Device:          a3p1000
#                  fbga144
#                  pqfp208
#                  fbga256
#                  fbga484
```

```
# Device: a3p125
# vqfp100
# qfn132
# tqfp144
# fbga144
# pqfp208
# Device: a3p250
# vqfp100
# qfn132
# fbga144
# pqfp208
# fbga256
# Device: a3p400
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: a3p600
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m1a3p1000
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m1a3p250
# vqfp100
# fbga144
# pqfp208
# Device: m1a3p600
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m7a3p1000
# fbga144
# pqfp208
# fbga256
# fbga484
# Family: proasic3e
# Device: a3pe1500
# pqfp208
# fbga484
# fbga676
# Device: a3pe3000
# pqfp208
# fbga324
# fbga484
# fbga896
# Device: a3pe600
# pqfp208
# fbga256
# fbga484
# Device: m1a3pe1500
# pqfp208
```

```

#                               fbga484
#                               fbga676
# Family:                       proasic31
# Device:                       a3p10001
#                               fbga144
#                               pqfp208
#                               fbga256
#                               fbga484
# Device:                       a3p2501
#                               vqfp100
#                               fbga144
#                               pqfp208
#                               fbga256
# Device:                       a3p6001
#                               fbga144
#                               pqfp208
#                               fbga256
#                               fbga484
# Device:                       a3pe30001
#                               pqfp208
#                               fbga324
#                               fbga484
#                               fbga896
# Device:                       m1a3p6001
#                               fbga144
#                               pqfp208
#                               fbga256
#                               fbga484
# #####
# Tool version:                 Designer 8.2
# #####
# Family:                       3200dx
# Device:                       a32100dx
#                               plcc84
#                               cqfp84
#                               pqfp160
#                               pqfp208
# Device:                       a32100dxv
#                               plcc84
# Device:                       a32140dx
#                               plcc84
#                               pqfp160
#                               tqfp176
#                               pqfp208
#                               cqfp256
# Device:                       a32140dxv
#                               plcc84
#                               tqfp176
# Device:                       a32200dx
#                               pqfp208
#                               rqfp208
#                               cqfp208
#                               rqfp240
#                               cqfp256
# Device:                       a32200dxv
#                               pqfp208
#                               rqfp240

```

```

# Device:          a32300dx
#                  rqfp208
#                  rqfp240
#                  cqfp256
# Device:          a32300dxv
#                  rqfp208
#                  rqfp240
# Device:          a3265dx
#                  plcc84
#                  pqfp100
#                  pqfp160
#                  tqfp176
# Device:          a3265dxv
#                  plcc84
#                  tqfp176
# Family:          40mx
# Device:          a40mx02
#                  plcc44
#                  plcc68
#                  vqfp80
#                  pqfp100
# Device:          a40mx04
#                  plcc44
#                  plcc68
#                  vqfp80
#                  plcc84
#                  pqfp100
# Family:          42mx
# Device:          a42mx09
#                  plcc84
#                  pqfp100
#                  vqfp100
#                  pqfp160
#                  tqfp176
# Device:          a42mx16
#                  plcc84
#                  pqfp100
#                  vqfp100
#                  pqfp160
#                  tqfp176
#                  pqfp208
# Device:          a42mx24
#                  plcc84
#                  pqfp160
#                  tqfp176
#                  pqfp208
# Device:          a42mx36
#                  cqfp208
#                  pqfp208
#                  pqfp240
#                  cqfp256
#                  bga272
# Family:          500k
# Device:          a500k050
#                  fbga144
#                  pqfp208
#                  bga272

```

```
# Device:          a500k130
#                  fbga144
#                  pqfp208
#                  fbga256
#                  bga272
#                  bga456
# Device:          a500k180
#                  pqfp208
#                  fbga256
#                  bga456
# Device:          a500k270
#                  pqfp208
#                  fbga256
#                  bga456
#                  fbga676
# Family:          54sx
# Device:          a54sx08
#                  plcc84
#                  vqfp100
#                  fbga144
#                  tqfp144
#                  tqfp176
#                  pqfp208
# Device:          a54sx16
#                  vqfp100
#                  tqfp176
#                  cqfp208
#                  pqfp208
#                  cqfp256
# Device:          a54sx16p
#                  vqfp100
#                  tqfp144
#                  tqfp176
#                  pqfp208
# Device:          a54sx32
#                  tqfp144
#                  tqfp176
#                  cqfp208
#                  pqfp208
#                  cqfp256
#                  bga313
#                  bga329
# Device:          rt54sx16
#                  cqfp208
#                  cqfp256
# Device:          rt54sx32
#                  cqfp208
#                  cqfp256
# Family:          54sxa
# Device:          a54sx08a
#                  tqfp100
#                  fbga144
#                  tqfp144
#                  pqfp208
# Device:          a54sx16a
#                  tqfp100
#                  fbga144
```

```
#           tqfp144
#           pqfp208
#           fbga256
# Device:   a54sx32a
#           cqfp84
#           tqfp144
#           tqfp176
#           cqfp208
#           cqfp256
#           pqfp208
#           tqfp100
#           fbga144
#           fbga256
#           bga329
#           54sxa_fbga484
# Device:   a54sx72a
#           cqfp208
#           cqfp256
#           pqfp208
#           fbga256
#           54sxa_fbga484
# Device:   rt54sx32s
#           cqfp84
#           cqfp208
#           cqfp256
#           cclg256
# Device:   rt54sx72s
#           cqfp208
#           cqfp256
#           ccga624
# Family:   act1
# Device:   a1010b
#           plcc44
#           plcc68
#           pqfp100
#           cpga84
#           vqfp80
# Device:   a1020b
#           plcc44
#           plcc68
#           vqfp80
#           plcc84
#           cpga84
#           cqfp84
#           pqfp100
# Device:   a10v10b
#           plcc68
#           vqfp80
# Device:   a10v20b
#           plcc68
#           vqfp80
#           plcc84
# Device:   rh1020
#           cqfp84
# Device:   rt1020
#           cqfp84
# Family:   act2
```

```
# Device:          a1225a
#                  plcc84
#                  pqfp100
# Device:          a1225x1
#                  plcc84
#                  cpga100
#                  pqfp100
#                  vqfp100
# Device:          a1225xlv
#                  plcc84
#                  vqfp100
# Device:          a1240a
#                  plcc84
#                  cpga132
#                  pqfp144
#                  tqfp176
# Device:          a1240x1
#                  plcc84
#                  cpga132
#                  pqfp100
#                  pqfp144
#                  tqfp176
# Device:          a1240xlv
#                  plcc84
#                  tqfp176
# Device:          a1280a
#                  plcc84
#                  pqfp160
#                  cqfp172
#                  cpga176
# Device:          a1280x1
#                  plcc84
#                  pqfp160
#                  cqfp172
#                  cpga176
#                  tqfp176
#                  pqfp208
# Device:          a1280xlv
#                  plcc84
#                  tqfp176
# Device:          rh1280
#                  cqfp172
# Device:          rp1280a
#                  cqfp172
# Device:          rt1280a
#                  cqfp172
#                  cpga176
# Family:          act3
# Device:          a14100a
#                  rqfp208
#                  cqfp256
#                  cpga257
#                  bga313
# Device:          a1415a
#                  plcc84
#                  pqfp100
#                  vqfp100
```

```
# Device:          a1425a
#                  plcc84
#                  pqfp100
#                  vqfp100
#                  cqfp132
#                  pqfp160
# Device:          a1440a
#                  plcc84
#                  vqfp100
#                  pqfp160
#                  cpga175
#                  tqfp176
# Device:          a1460a
#                  pqfp160
#                  tqfp176
#                  cqfp196
#                  cpga207
#                  pqfp208
# Device:          a14v100a
#                  rqfp208
#                  bga313
# Device:          a14v15a
#                  plcc84
#                  vqfp100
# Device:          a14v25a
#                  plcc84
#                  vqfp100
#                  pqfp160
# Device:          a14v40a
#                  plcc84
#                  vqfp100
#                  pqfp160
#                  tqfp176
# Device:          a14v60a
#                  pqfp160
#                  tqfp176
#                  pqfp208
# Device:          rt14100a
#                  cqfp256
# Device:          rt1425a
#                  cqfp132
# Device:          rt1460a
#                  cqfp196
# Family:          axcelerator
# Device:          ax1000
#                  cqfp352
#                  fbga484
#                  ccga624
#                  fbga676
#                  bga729
#                  fbga896
# Device:          ax125
#                  cs180
#                  fbga256
#                  fbga324
# Device:          ax2000
#                  cqfp256
```

```

#           cqfp352
#           ccga624
#           fbga896
#           fbga1152
# Device:   ax250
#           pqfp208
#           cqfp208
#           fbga256
#           cqfp352
#           fbga484
# Device:   ax500
#           pqfp208
#           cqfp208
#           cqfp352
#           fbga484
#           fbga676
# Device:   rtax1000s
#           cqfp352
#           ccga624
# Device:   rtax2000s
#           cqfp256
#           cqfp352
#           ccga624
#           ccga1152
# Device:   rtax250s
#           cqfp208
#           cqfp352
# Device:   rtax4000s
#           cqfp352
#           ccga1272
# Family:   ex
# Device:   ex128
#           tqfp64
#           tqfp100
#           cs49
#           cs128
# Device:   ex256
#           tqfp100
#           cs128
#           cs180
# Device:   ex64
#           tqfp64
#           tqfp100
#           cs49
#           cs128
# Family:   fusion
# Device:   afs090
#           fbga256
#           qfn108
#           qfn180
# Device:   afs1500
#           fbga256
#           fbga484
#           fbga676
# Device:   afs250
#           qfn180
#           pqfp208

```

```
#          fbga256
# Device:  afs600
#          pqfp208
#          fbga256
#          fbga484
# Device:  mlafs1500
#          fbga256
#          fbga484
#          fbga676
# Device:  mlafs600
#          pqfp208
#          fbga256
#          fbga484
# Device:  m7afs600
#          pqfp208
#          fbga256
#          fbga484
# Family:  igloo
# Device:  agl015v2
#          qfn68
# Device:  agl015v5
#          qfn68
# Device:  agl030v2
#          cs81
#          uc81
#          vqfp100
#          qfn132
# Device:  agl030v5
#          cs81
#          uc81
#          vqfp100
#          qfn132
# Device:  agl060v2
#          vqfp100
#          cs121
# Device:  agl060v5
#          vqfp100
#          cs121
# Device:  agl1000v2
#          fbga144
#          fbga256
#          fbga484
# Device:  agl1000v5
#          fbga144
#          fbga256
#          fbga484
# Device:  agl125v2
#          vqfp100
#          qfn132
#          fbga144
#          cs196
# Device:  agl125v5
#          vqfp100
#          qfn132
#          fbga144
#          cs196
# Device:  agl250v2
```

```
#          vqfp100
#          fbga144
#          cs196
# Device:  agl250v5
#          vqfp100
#          fbga144
#          cs196
# Device:  agl600v2
#          cs281
#          fbga144
#          fbga256
#          fbga484
# Device:  agl600v5
#          cs281
#          fbga144
#          fbga256
#          fbga484
# Device:  mlagl600v2
#          cs281
#          fbga144
#          fbga256
#          fbga484
# Device:  mlagl600v5
#          cs281
#          fbga144
#          fbga256
#          fbga484
# Family:  iglooe
# Device:  agle3000v2
#          fbga484
#          fbga896
# Device:  agle3000v5
#          fbga484
#          fbga896
# Device:  agle600v2
#          fbga256
#          fbga484
# Device:  agle600v5
#          fbga256
#          fbga484
# Family:  pa
# Device:  apa075
#          tqfp100
#          tqfp144
#          fbga144
#          pqfp208
# Device:  apa1000
#          pqfp208
#          cqfp208
#          cqfp352
#          bga456
#          ccga624
#          fbga896
#          fbga1152
# Device:  apa150
#          tqfp100
#          fbga144
```

```
#                pqfp208
#                fbga256
#                bga456
# Device:        apa300
#                fbga144
#                pqfp208
#                cqfp208
#                fbga256
#                cqfp352
#                bga456
# Device:        apa450
#                fbga144
#                pqfp208
#                fbga256
#                bga456
#                pa_fbga484
# Device:        apa600
#                pqfp208
#                cqfp208
#                fbga256
#                cqfp352
#                bga456
#                pa_fbga484
#                ccga624
#                fbga676
# Device:        apa750
#                pqfp208
#                bga456
#                fbga676
#                fbga896
# Family:        proasic3
# Device:        a3p030
#                vqfp100
#                qfn132
# Device:        a3p060
#                vqfp100
#                qfn132
#                fbga144
#                tqfp144
# Device:        a3p1000
#                fbga144
#                pqfp208
#                fbga256
#                fbga484
# Device:        a3p125
#                vqfp100
#                qfn132
#                tqfp144
#                fbga144
#                pqfp208
# Device:        a3p250
#                vqfp100
#                qfn132
#                fbga144
#                pqfp208
#                fbga256
# Device:        a3p400
```

```
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: a3p600
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m1a3p1000
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m1a3p250
# vqfp100
# fbga144
# pqfp208
# Device: m1a3p600
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: m7a3p1000
# fbga144
# pqfp208
# fbga256
# fbga484
# Family: proasic3e
# Device: a3pe1500
# pqfp208
# fbga484
# fbga676
# Device: a3pe3000
# pqfp208
# fbga324
# fbga484
# fbga896
# Device: a3pe600
# pqfp208
# fbga256
# fbga484
# Device: m1a3pe1500
# pqfp208
# fbga484
# fbga676
# Family: proasic3l
# Device: a3p1000l
# fbga144
# pqfp208
# fbga256
# fbga484
# Device: a3p250l
# vqfp100
# fbga144
# pqfp208
# fbga256
```

```
# Device:          a3p6001
#                  fbga144
#                  pqfp208
#                  fbga256
#                  fbga484
# Device:          a3pe30001
#                  pqfp208
#                  fbga324
#                  fbga484
#                  fbga896
# #####
# Vendor:          altera
# #####
# #####
# Tool version:    Quartus II 7.2
# #####
# Family:          acex1k
# Device:          ep1k10
#                  fc256
#                  fi256
#                  qc208
#                  tc100
#                  ti100
#                  tc144
# Device:          ep1k100
#                  fc256
#                  fi256
#                  fc484
#                  fi484
#                  qc208
#                  qi208
# Device:          ep1k30
#                  fc256
#                  fi256
#                  qc208
#                  tc144
#                  ti144
# Device:          ep1k50
#                  fc256
#                  fi256
#                  fc484
#                  qc208
#                  qi208
#                  tc144
#                  ti144
# Family:          apex ii
# Device:          ep2a15
#                  b724c
#                  f672c
# Device:          ep2a25
#                  f672c
# Device:          ep2a40
#                  b724c
#                  f672c
#                  f1020c
# Family:          apex20kc
# Device:          ep20k1000c
```

```
#          b652c
#          f672c
#          f33c
# Device:  ep20k200c
#          f484c
# Device:  ep20k400c
#          b652c
#          f672c
# Device:  ep20k600c
#          b652c
#          f672c
# Family:  apex20ke
# Device:  ep20k1000e
#          bc652
#          bi652
#          fc672
#          fi672
#          fc33
# Device:  ep20k100e
#          bc356
#          fc144
#          fi144
#          fc324
#          fi324
#          qc208
#          qc240
#          tc144
# Device:  ep20k1500e
#          bc652
#          fc33
# Device:  ep20k160e
#          bc356
#          fc484
#          fi484
#          qc208
#          qc240
#          tc144
# Device:  ep20k200e
#          bc356
#          bc652
#          fc484
#          fi484
#          fc672
#          qc208
#          qc240
#          qi240
# Device:  ep20k300e
#          bc652
#          fc672
#          fi672
#          qc240
# Device:  ep20k30e
#          tc144
# Device:  ep20k400e
#          bc652
#          bi652
#          fc672
```

```
#          fi672
# Device:  ep20k600e
#          bc652
#          bi652
#          fc672
#          fi672
#          fc33
# Device:  ep20k60e
#          fc144
#          fc324
#          qc208
#          tc144
# Family:  arria gx
# Device:  eplagx20c
#          f780c
#          f780i
#          f484c
#          f484i
# Device:  eplagx35c
#          f484c
#          f484i
# Device:  eplagx35d
#          f780c
#          f780i
# Device:  eplagx50c
#          f484c
#          f484i
# Device:  eplagx50d
#          f780c
#          f780i
#          f1152c
#          f1152i
# Device:  eplagx60c
#          f484c
#          f484i
# Device:  eplagx60d
#          f780c
#          f780i
# Device:  eplagx60e
#          f1152c
#          f1152i
# Device:  eplagx90e
#          f1152c
#          f1152i
# Family:  cyclone
# Device:  ep1c12
#          f256c
#          f256i
#          f324c
#          f324i
#          q240c
#          q240i
# Device:  ep1c20
#          f324c
#          f324i
#          f400c
#          f400i
```

```
# Device:          ep1c3
#                  t100c
#                  t100i
#                  t100a
#                  t144c
#                  t144i
#                  t144a
# Device:          ep1c4
#                  f324c
#                  f324i
#                  f400c
#                  f400i
# Device:          ep1c6
#                  f256c
#                  f256i
#                  q240c
#                  q240i
#                  t144c
#                  t144i
# Family:          cyclone ii
# Device:          ep2c15a
#                  f256c
#                  f256a
#                  f256i
#                  f484c
#                  f484a
#                  f484i
# Device:          ep2c20
#                  f256c
#                  f256i
#                  f484c
#                  f484i
#                  q240c
# Device:          ep2c20a
#                  f256a
#                  f256i
#                  f484a
#                  f484i
# Device:          ep2c35
#                  f484c
#                  f484i
#                  f672c
#                  f672i
#                  u484c
#                  u484i
# Device:          ep2c5
#                  f256c
#                  f256i
#                  q208c
#                  q208i
#                  t144c
#                  t144i
# Device:          ep2c50
#                  f484c
#                  f484i
#                  f672c
#                  f672i
```

```
#           u484c
#           u484i
# Device:   ep2c5a
#           f256a
#           f256i
#           t144a
# Device:   ep2c70
#           f672c
#           f672i
#           f896c
#           f896i
# Device:   ep2c8
#           f256c
#           f256i
#           q208c
#           q208i
#           t144c
#           t144i
# Device:   ep2c8a
#           f256a
#           f256i
# Family:   cyclone iii
# Device:   ep3c10
#           f256c
#           f256i
#           m164c
#           m164i
#           e144c
#           e144i
#           u256c
#           u256i
# Device:   ep3c120
#           f484c
#           f484i
#           f780c
#           f780i
# Device:   ep3c16
#           f256c
#           f256i
#           f484c
#           f484i
#           m164c
#           m164i
#           q240c
#           e144c
#           e144i
#           u256c
#           u256i
#           u484c
#           u484i
# Device:   ep3c25
#           f256c
#           f256i
#           f324c
#           f324i
#           q240c
#           e144c
```

```
# e144i
# u256c
# u256i
# Device: ep3c40
# f324c
# f324i
# f484c
# f484i
# f780c
# f780i
# q240c
# u484c
# u484i
# Device: ep3c5
# f256c
# f256i
# m164c
# m164i
# e144c
# e144i
# u256c
# u256i
# Device: ep3c55
# f484c
# f484i
# f780c
# f780i
# u484c
# u484i
# Device: ep3c80
# f484c
# f484i
# f780c
# f780i
# u484c
# u484i
# Family: flex10k
# Device: epf10k10
# lc84
# qc208
# qi208
# tc144
# ti144
# Device: epf10k20
# rc208
# ri208
# rc240
# ri240
# tc144
# ti144
# Device: epf10k30
# bc356
# rc208
# ri208
# rc240
# ri240
# Device: epf10k40
```

```
# rc208
# rc240
# Device: epf10k50
# bc356
# rc240
# ri240
# Device: epf10k70
# rc240
# Family: flex10ka
# Device: epf10k100a
# bc356
# bi356
# bc600
# fc484
# rc240
# ri240
# Device: epf10k10a
# qc208
# tc100
# tc144
# ti144
# Device: epf10k30a
# bc356
# fc256
# fc484
# qc208
# qi208
# qc240
# qi240
# tc144
# ti144
# Device: epf10k50v
# bc356
# bi356
# fc484
# qc240
# rc240
# ri240
# Family: flex10ke
# Device: epf10k100e
# bc356
# fc256
# fi256
# fc484
# fi484
# qc208
# qi208
# qc240
# Device: epf10k130e
# bc356
# bi356
# fc484
# fi484
# qc240
# qi240
# Device: epf10k200s
# bi356
```

```
# bc600
# fc484
# fc672
# fi672
# rc240
# Device: epf10k30e
# fc256
# fi256
# fc484
# qc208
# qi208
# tc144
# ti144
# Device: epf10k50s
# bc356
# fc256
# fc484
# qc208
# qc240
# Family: flex6000
# Device: epf6010a
# tc100
# ti100
# tc144
# Device: epf6016
# bc256
# qc208
# qi208
# qc240
# tc144
# ti144
# Device: epf6016a
# fc100
# fc256
# qc208
# tc100
# ti100
# tc144
# ti144
# Device: epf6024a
# bc256
# fc256
# qc208
# qc240
# tc144
# Family: hardcopy ii
# Device: hc210
# f484c
# f484i
# f484m
# Device: hc210w
# f484c
# f484i
# f484m
# f484a
# Device: hc220
# f672c
```

```
# f672i
# f672m
# f780c
# f780i
# f780m
# Device: hc230
# f1020c
# f1020i
# f1020m
# Device: hc240
# f1020c
# f1020i
# f1020m
# f1508c
# f1508i
# f1508m
# Family: hardcopy stratix
# Device: hcls25
# f672
# Device: hcls30
# f780
# Device: hcls40
# f780
# Device: hcls60
# f1020
# Device: hcls80
# f1020
# Family: max ii
# Device: epml270
# f256c
# f256i
# f256a
# m256c
# m256i
# t144c
# t144i
# t144a
# Device: epml270g
# f256c
# f256i
# m256c
# m256i
# t144c
# t144i
# Device: epm2210
# f256c
# f256i
# f256a
# f324c
# f324i
# f324a
# Device: epm2210g
# f256c
# f256i
# f324c
# f324i
# Device: epm240
```

```
# f100c
# f100i
# m100c
# m100i
# t100c
# t100i
# t100a
# Device: epm240g
# f100c
# f100i
# m100c
# m100i
# t100c
# t100i
# Device: epm240z
# m68c
# m100c
# Device: epm570
# f100c
# f100i
# f256c
# f256i
# m100c
# m100i
# m256c
# m256i
# t100c
# t100i
# t100a
# t144c
# t144i
# t144a
# Device: epm570g
# f100c
# f100i
# f256c
# f256i
# m100c
# m100i
# m256c
# m256i
# t100c
# t100i
# t144c
# t144i
# Device: epm570z
# m100c
# m144c
# m256c
# Family: max3000a
# Device: epm3032a
# lc44
# tc44
# ti44
# Device: epm3064a
# lc44
# tc44
```

```
# ti44
# tc100
# ti100
# Device: epm3128a
# fi256
# tc100
# ti100
# tc144
# ti144
# Device: epm3256a
# fc256
# fi256
# qc208
# qi208
# tc144
# ti144
# Device: epm3512a
# fc256
# fi256
# qc208
# qi208
# Family: max7000ae
# Device: epm7032ae
# lc44
# tc44
# ti44
# ta44
# Device: epm7064ae
# fc100
# lc44
# li44
# tc44
# ti44
# ta44
# tc100
# ti100
# ta100
# Device: epm7128ae
# fc100
# fi100
# tc100
# ti100
# ta100
# tc144
# ti144
# ta144
# Device: epm7256ae
# fc100
# fi100
# fc256
# fi256
# qc208
# qi208
# tc100
# ti100
# tc144
# ti144
```

```
# Device:          epm7512ae
#                 bc256
#                 fc256
#                 fi256
#                 qc208
#                 qi208
#                 tc144
# Family:         max7000b
# Device:         epm7032b
#                 tc44
# Device:         epm7064b
#                 fc100
#                 tc44
#                 tc100
# Device:         epm7128b
#                 tc100
#                 tc144
# Device:         epm7256b
#                 fc256
#                 fi256
#                 tc100
#                 tc144
# Device:         epm7512b
#                 fc256
#                 fi256
#                 tc144
#                 uc169
# Family:         max7000s
# Device:         epm7032s
#                 lc44
#                 li44
#                 tc44
#                 ti44
# Device:         epm7064s
#                 lc44
#                 li44
#                 lc84
#                 tc44
#                 ti44
#                 tc100
#                 ti100
# Device:         epm7128s
#                 lc84
#                 li84
#                 qc100
#                 qi100
#                 qc160
#                 qi160
#                 tc100
#                 ti100
# Device:         epm7160s
#                 lc84
#                 li84
#                 qc160
#                 tc100
#                 ti100
# Device:         epm7192s
```

```
#          qc160
#          qil60
# Device:  epm7256s
#          qc208
#          rc208
#          ri208
# Family:  stratix
# Device:  ep1s10
#          b672c
#          f484c
#          f484i
#          f672c
#          f672i
#          f780c
#          f780i
# Device:  ep1s20
#          b672c
#          f484c
#          f484i
#          f672c
#          f672i
#          f780c
#          f780i
# Device:  ep1s25
#          b672c
#          f672c
#          f672i
#          f780c
#          f780i
#          f1020c
#          f1020i
# Device:  ep1s30
#          b956c
#          f780c
#          f780i
#          f1020c
#          f1020i
# Device:  ep1s40
#          b956c
#          b956i
#          f780c
#          f780i
#          f1020c
#          f1020i
#          f1508c
# Device:  ep1s60
#          b956c
#          b956i
#          f1020c
#          f1020i
#          f1508c
#          f1508i
# Device:  ep1s80
#          b956c
#          f1020c
#          f1020i
#          f1508c
```

```
# f1508i
# Family: stratix gx
# Device: ep1sgx10c
# f672c
# Device: ep1sgx10d
# f672c
# f672i
# Device: ep1sgx25c
# f672c
# f672i
# Device: ep1sgx25d
# f672c
# f672i
# f1020c
# Device: ep1sgx25f
# f1020c
# f1020i
# Device: ep1sgx40d
# f1020c
# f1020i
# Device: ep1sgx40g
# f1020c
# f1020i
# Family: stratix ii
# Device: ep2s130
# f780c
# f780i
# f1020c
# f1020i
# f1508c
# f1508i
# Device: ep2s15
# f484c
# f484i
# f672c
# f672i
# Device: ep2s180
# f1020c
# f1020i
# f1508c
# f1508i
# Device: ep2s30
# f484c
# f484i
# f672c
# f672i
# Device: ep2s60
# f484c
# f484i
# f672c
# f672i
# f1020c
# f1020i
# Device: ep2s90
# h484c
# f780c
# f780i
```

```
# f1020c
# f1020i
# f1508c
# f1508i
# Family: stratix ii gx
# Device: ep2sgx130g
# f1508c
# f1508i
# Device: ep2sgx30c
# f780c
# Device: ep2sgx30d
# f780c
# f780i
# Device: ep2sgx60c
# f780c
# Device: ep2sgx60d
# f780c
# f780i
# Device: ep2sgx60e
# f1152c
# f1152i
# Device: ep2sgx90e
# f1152c
# f1152i
# Device: ep2sgx90f
# f1508c
# f1508i
# Family: stratix iii
# Device: ep3se110
# f780c
# f1152c
# Device: ep3se260
# h780c
# f1152c
# f1517c
# Device: ep3se50
# f484c
# f780c
# Device: ep3se80
# f780c
# f1152c
# Device: ep3sl110
# f780c
# f1152c
# Device: ep3sl150
# f780c
# f1152c
# Device: ep3sl200
# h780c
# f1152c
# f1517c
# Device: ep3sl340
# h1152c
# f1517c
# f1760c
# Device: ep3sl50
# f484c
```

```
# f780c
# Device: ep3sl70
# f484c
# f780c
# #####
# Tool version: Quartus II 7.1
# #####
# Family: acex1k
# Device: ep1k10
# fc256
# fi256
# qc208
# tc100
# ti100
# tc144
# Device: ep1k100
# fc256
# fi256
# fc484
# fi484
# qc208
# qi208
# Device: ep1k30
# fc256
# fi256
# qc208
# tc144
# ti144
# Device: ep1k50
# fc256
# fi256
# fc484
# qc208
# qi208
# tc144
# ti144
# Family: apex ii
# Device: ep2a15
# b724c
# f672c
# Device: ep2a25
# f672c
# Device: ep2a40
# b724c
# f672c
# f1020c
# Family: apex20kc
# Device: ep20k1000c
# b652c
# f672c
# f33c
# Device: ep20k200c
# f484c
# Device: ep20k400c
# b652c
# f672c
# Device: ep20k600c
```

```
#          b652c
#          f672c
# Family:  apex20ke
# Device:  ep20k1000e
#          bc652
#          bi652
#          fc672
#          fi672
#          fc33
# Device:  ep20k100e
#          bc356
#          fc144
#          fi144
#          fc324
#          fi324
#          qc208
#          qc240
#          tc144
# Device:  ep20k1500e
#          bc652
#          fc33
# Device:  ep20k160e
#          bc356
#          fc484
#          fi484
#          qc208
#          qc240
#          tc144
# Device:  ep20k200e
#          bc356
#          bc652
#          fc484
#          fi484
#          fc672
#          qc208
#          qc240
#          qi240
# Device:  ep20k300e
#          bc652
#          fc672
#          fi672
#          qc240
# Device:  ep20k30e
#          tc144
# Device:  ep20k400e
#          bc652
#          bi652
#          fc672
#          fi672
# Device:  ep20k600e
#          bc652
#          bi652
#          fc672
#          fi672
#          fc33
# Device:  ep20k60e
#          fc144
```

```
#          fc324
#          qc208
#          tc144
# Family:      arria gx
# Device:      eplagx20c
#              f780c
#              f780i
#              f484c
#              f484i
# Device:      eplagx35c
#              f484c
#              f484i
# Device:      eplagx35d
#              f780c
#              f780i
# Device:      eplagx50c
#              f484c
#              f484i
# Device:      eplagx50d
#              f780c
#              f780i
#              f1152c
#              f1152i
# Device:      eplagx60c
#              f484c
#              f484i
# Device:      eplagx60d
#              f780c
#              f780i
# Device:      eplagx60e
#              f1152c
#              f1152i
# Device:      eplagx90e
#              f1152c
#              f1152i
# Family:      cyclone
# Device:      ep1c12
#              f256c
#              f256i
#              f324c
#              f324i
#              q240c
#              q240i
# Device:      ep1c20
#              f324c
#              f324i
#              f400c
#              f400i
# Device:      ep1c3
#              t100c
#              t100i
#              t144c
#              t144i
# Device:      ep1c4
#              f324c
#              f324i
#              f400c
```

```
# f400i
# Device: ep1c6
# f256c
# f256i
# q240c
# q240i
# t144c
# t144i
# Family: cyclone ii
# Device: ep2c15a
# f256c
# f256i
# f484c
# f484i
# Device: ep2c20
# f256c
# f256i
# f484c
# f484i
# q240c
# Device: ep2c20a
# f256i
# f484i
# Device: ep2c35
# f484c
# f484i
# f672c
# f672i
# u484c
# u484i
# Device: ep2c5
# f256c
# f256i
# q208c
# q208i
# t144c
# t144i
# Device: ep2c50
# f484c
# f484i
# f672c
# f672i
# u484c
# u484i
# Device: ep2c70
# f672c
# f672i
# f896c
# f896i
# Device: ep2c8
# f256c
# f256i
# q208c
# q208i
# t144c
# t144i
# Device: ep2c8a
```

```
# f256i
# Family: cyclone iii
# Device: ep3c10
# f256c
# e144c
# u256c
# Device: ep3c120
# f484c
# f780c
# Device: ep3c16
# f256c
# f484c
# q240c
# e144c
# Device: ep3c25
# f256c
# f324c
# q240c
# e144c
# u256c
# Device: ep3c40
# f324c
# f484c
# f780c
# q240c
# u484c
# Device: ep3c5
# f256c
# e144c
# u256c
# Device: ep3c55
# f484c
# f780c
# u484c
# Device: ep3c80
# f484c
# f780c
# u484c
# Family: flex10k
# Device: epf10k10
# lc84
# qc208
# qi208
# tc144
# ti144
# Device: epf10k20
# rc208
# ri208
# rc240
# ri240
# tc144
# ti144
# Device: epf10k30
# bc356
# rc208
# ri208
# rc240
```

```
#          ri240
# Device:  epf10k40
#          rc208
#          rc240
# Device:  epf10k50
#          bc356
#          rc240
#          ri240
# Device:  epf10k70
#          rc240
# Family:  flex10ka
# Device:  epf10k100a
#          bc356
#          bi356
#          bc600
#          fc484
#          rc240
#          ri240
# Device:  epf10k10a
#          qc208
#          tc100
#          tc144
#          ti144
# Device:  epf10k30a
#          bc356
#          fc256
#          fc484
#          qc208
#          qi208
#          qc240
#          qi240
#          tc144
#          ti144
# Device:  epf10k50v
#          bc356
#          bi356
#          fc484
#          qc240
#          rc240
#          ri240
# Family:  flex10ke
# Device:  epf10k100e
#          bc356
#          fc256
#          fi256
#          fc484
#          fi484
#          qc208
#          qi208
#          qc240
# Device:  epf10k130e
#          bc356
#          bi356
#          fc484
#          fi484
#          qc240
#          qi240
```



```
#           f780c
#           f780i
# Device:   hc230
#           f1020c
#           f1020i
# Device:   hc240
#           f1020c
#           f1020i
#           f1508c
#           f1508i
# Family:   hardcopy stratix
# Device:   hcl1s25
#           f672
# Device:   hcl1s30
#           f780
# Device:   hcl1s40
#           f780
# Device:   hcl1s60
#           f1020
# Device:   hcl1s80
#           f1020
# Family:   max ii
# Device:   epm1270
#           f256c
#           f256i
#           m256c
#           m256i
#           t144c
#           t144i
# Device:   epm1270g
#           f256c
#           f256i
#           m256c
#           m256i
#           t144c
#           t144i
# Device:   epm2210
#           f256c
#           f256i
#           f324c
#           f324i
# Device:   epm2210g
#           f256c
#           f256i
#           f324c
#           f324i
# Device:   epm240
#           f100c
#           f100i
#           m100c
#           m100i
#           t100c
#           t100i
# Device:   epm240g
#           f100c
#           f100i
#           m100c
```

```
# m100i
# t100c
# t100i
# Device: epm570
# f100c
# f100i
# f256c
# f256i
# m100c
# m100i
# m256c
# m256i
# t100c
# t100i
# t144c
# t144i
# Device: epm570g
# f100c
# f100i
# f256c
# f256i
# m100c
# m100i
# m256c
# m256i
# t100c
# t100i
# t144c
# t144i
# Family: max3000a
# Device: epm3032a
# lc44
# tc44
# ti44
# Device: epm3064a
# lc44
# tc44
# ti44
# tc100
# ti100
# Device: epm3128a
# fi256
# tc100
# ti100
# tc144
# ti144
# Device: epm3256a
# fc256
# fi256
# qc208
# qi208
# tc144
# ti144
# Device: epm3512a
# fc256
# fi256
# qc208
```

```
# qi208
# Family: max7000ae
# Device: epm7032ae
# lc44
# tc44
# ti44
# Device: epm7064ae
# fc100
# lc44
# li44
# tc44
# ti44
# tc100
# ti100
# Device: epm7128ae
# fc100
# fi100
# tc100
# ti100
# tc144
# ti144
# Device: epm7256ae
# fc100
# fi100
# fc256
# fi256
# qc208
# qi208
# tc100
# ti100
# tc144
# ti144
# Device: epm7512ae
# bc256
# fc256
# fi256
# qc208
# qi208
# tc144
# Family: max7000b
# Device: epm7032b
# tc44
# Device: epm7064b
# fc100
# tc44
# tc100
# Device: epm7128b
# tc100
# tc144
# Device: epm7256b
# fc256
# fi256
# tc100
# tc144
# Device: epm7512b
# fc256
# fi256
```

```
# tc144
# uc169
# Family: max7000s
# Device: epm7032s
# lc44
# li44
# tc44
# ti44
# Device: epm7064s
# lc44
# li44
# lc84
# tc44
# ti44
# tc100
# ti100
# Device: epm7128s
# lc84
# li84
# qc100
# qi100
# qc160
# qi160
# tc100
# ti100
# Device: epm7160s
# lc84
# li84
# qc160
# tc100
# ti100
# Device: epm7192s
# qc160
# qi160
# Device: epm7256s
# qc208
# rc208
# ri208
# Family: stratix
# Device: ep1s10
# b672c
# f484c
# f484i
# f672c
# f672i
# f780c
# f780i
# Device: ep1s20
# b672c
# f484c
# f484i
# f672c
# f672i
# f780c
# f780i
# Device: ep1s25
# b672c
```

```
# f672c
# f672i
# f780c
# f780i
# f1020c
# f1020i
# Device: ep1s30
# b956c
# f780c
# f780i
# f1020c
# f1020i
# Device: ep1s40
# b956c
# b956i
# f780c
# f780i
# f1020c
# f1020i
# f1508c
# Device: ep1s60
# b956c
# b956i
# f1020c
# f1020i
# f1508c
# f1508i
# Device: ep1s80
# b956c
# f1020c
# f1020i
# f1508c
# f1508i
# Family: stratix gx
# Device: ep1sgx10c
# f672c
# Device: ep1sgx10d
# f672c
# f672i
# Device: ep1sgx25c
# f672c
# f672i
# Device: ep1sgx25d
# f672c
# f672i
# f1020c
# Device: ep1sgx25f
# f1020c
# f1020i
# Device: ep1sgx40d
# f1020c
# f1020i
# Device: ep1sgx40g
# f1020c
# f1020i
# Family: stratix ii
# Device: ep2s130
```

```
# f780c
# f780i
# f1020c
# f1020i
# f1508c
# f1508i
# Device: ep2s15
# f484c
# f484i
# f672c
# f672i
# Device: ep2s180
# f1020c
# f1020i
# f1508c
# f1508i
# Device: ep2s30
# f484c
# f484i
# f672c
# f672i
# Device: ep2s60
# f484c
# f484i
# f672c
# f672i
# f1020c
# f1020i
# Device: ep2s90
# h484c
# f780c
# f780i
# f1020c
# f1020i
# f1508c
# f1508i
# Family: stratix ii gx
# Device: ep2sgx130g
# f1508c
# f1508i
# Device: ep2sgx30c
# f780c
# Device: ep2sgx30d
# f780c
# f780i
# Device: ep2sgx60c
# f780c
# Device: ep2sgx60d
# f780c
# f780i
# Device: ep2sgx60e
# f1152c
# f1152i
# Device: ep2sgx90e
# f1152c
# f1152i
# Device: ep2sgx90f
```

```
# f1508c
# f1508i
# Family: stratix iii
# Device: ep3se110
# f780c
# f1152c
# Device: ep3se260
# f1152c
# f1517c
# Device: ep3se50
# f484c
# f780c
# Device: ep3se80
# f780c
# f1152c
# Device: ep3sl110
# f780c
# f1152c
# Device: ep3sl150
# f780c
# f1152c
# Device: ep3sl200
# f1152c
# f1517c
# Device: ep3sl340
# f1517c
# f1760c
# Device: ep3sl50
# f484c
# f780c
# Device: ep3sl70
# f484c
# f780c
# #####
# Vendor: asic
# #####
# #####
# Tool version: asic
# #####
# Family: template
# Device: template_device
# tc100
# #####
# Vendor: lattice
# #####
# #####
# Tool version: ispLEVER70
# #####
# Family: latticeec
# Device: lfec10e
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Device: lfec15e
```

```
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Device: lfec1e
# tqfp100c
# tqfp100i
# tqfp144c
# tqfp144i
# pqfp208c
# pqfp208i
# Device: lfec20e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
# Device: lfec33e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
# Device: lfec3e
# tqfp100c
# tqfp100i
# tqfp144c
# tqfp144i
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# Device: lfec6e
# tqfp144c
# tqfp144i
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Family: latticeecp
# Device: lfecp10e
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Device: lfecp15e
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Device: lfecp20e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
```



```
#           fpbga1152c
#           fpbga1152i
# Device:   lfe2m20e
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
# Device:   lfe2m35e
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
# Device:   lfe2m50e
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
#           fpbga900c
#           fpbga900i
# Device:   lfe2m70e
#           fpbga900c
#           fpbga900i
#           fpbga1152c
#           fpbga1152i
# Family:   latticeecp2ms
# Device:   lfe2m100se
#           fpbga900c
#           fpbga900i
#           fpbga1152c
#           fpbga1152i
# Device:   lfe2m20se
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
# Device:   lfe2m35se
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
# Device:   lfe2m50se
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
#           fpbga900c
#           fpbga900i
# Device:   lfe2m70se
#           fpbga900c
#           fpbga900i
#           fpbga1152c
#           fpbga1152i
# Family:   latticeecp2s
```

```
# Device:          lfe2-12se
#                  tqfp144c
#                  tqfp144i
#                  pqfp208c
#                  pqfp208i
#                  fpbga256c
#                  fpbga256i
#                  fpbga484c
#                  fpbga484i
# Device:          lfe2-20se
#                  pqfp208c
#                  pqfp208i
#                  fpbga256c
#                  fpbga256i
#                  fpbga484c
#                  fpbga484i
#                  fpbga672c
#                  fpbga672i
# Device:          lfe2-35se
#                  fpbga484c
#                  fpbga484i
#                  fpbga672c
#                  fpbga672i
# Device:          lfe2-50se
#                  fpbga484c
#                  fpbga484i
#                  fpbga672c
#                  fpbga672i
# Device:          lfe2-6se
#                  tqfp144c
#                  tqfp144i
#                  fpbga256c
#                  fpbga256i
# Device:          lfe2-70se
#                  fpbga672c
#                  fpbga672i
#                  fpbga900c
#                  fpbga900i
# Family:          latticesc
# Device:          lfsc3ga115e
#                  fcbga1152ces
#                  fcbga1152ies
#                  fcbga1704ces
#                  fcbga1704ies
# Device:          lfsc3ga15e
#                  fpbga256ces
#                  fpbga256ies
#                  fpbga900ces
#                  fpbga900ies
# Device:          lfsc3ga25e
#                  fpbga900ces
#                  fpbga900ies
#                  ffbga1020ces
#                  ffbga1020ies
# Device:          lfsc3ga40e
#                  ffbga1020ces
#                  ffbga1020ies
```

```
#           fcbga1152ces
#           fcbga1152ies
# Device:   lfsc3ga80e
#           fcbga1152ces
#           fcbga1152ies
#           fcbga1704ces
#           fcbga1704ies
# Family:   latticescm
# Device:   lfscm3ga115ep1
#           fcbga1152ces
#           fcbga1152ies
#           fcbga1704ces
#           fcbga1704ies
# Device:   lfscm3ga15ep1
#           fpbga256ces
#           fpbga256ies
#           fpbga900ces
#           fpbga900ies
# Device:   lfscm3ga25ep1
#           fpbga900ces
#           fpbga900ies
#           ffbga1020ces
#           ffbga1020ies
# Device:   lfscm3ga40ep1
#           ffbga1020ces
#           ffbga1020ies
#           fcbga1152ces
#           fcbga1152ies
# Device:   lfscm3ga80ep1
#           fcbga1152ces
#           fcbga1152ies
#           fcbga1704ces
#           fcbga1704ies
# Family:   latticexp
# Device:   lfxp10c
#           fpbga256c
#           fpbga256i
#           fpbga388c
#           fpbga388i
# Device:   lfxp10e
#           fpbga256c
#           fpbga256i
#           fpbga388c
#           fpbga388i
# Device:   lfxp15c
#           fpbga256c
#           fpbga256i
#           fpbga388c
#           fpbga388i
#           fpbga484c
#           fpbga484i
# Device:   lfxp15e
#           fpbga256c
#           fpbga256i
#           fpbga388c
#           fpbga388i
#           fpbga484c
```

```

#                               fpbga484i
# Device:                       lfxp20c
#                               fpbga256c
#                               fpbga256i
#                               fpbga388c
#                               fpbga388i
#                               fpbga484c
#                               fpbga484i
# Device:                       lfxp20e
#                               fpbga256c
#                               fpbga256i
#                               fpbga388c
#                               fpbga388i
#                               fpbga484c
#                               fpbga484i
# Device:                       lfxp3c
#                               tqfp100c
#                               tqfp100i
#                               tqfp144c
#                               tqfp144i
#                               pqfp208c
#                               pqfp208i
# Device:                       lfxp3e
#                               tqfp100c
#                               tqfp100i
#                               tqfp144c
#                               tqfp144i
#                               pqfp208c
#                               pqfp208i
# Device:                       lfxp6c
#                               tqfp144c
#                               tqfp144i
#                               pqfp208c
#                               pqfp208i
#                               fpbga256c
#                               fpbga256i
# Device:                       lfxp6e
#                               tqfp144c
#                               tqfp144i
#                               pqfp208c
#                               pqfp208i
#                               fpbga256c
#                               fpbga256i
# Family:                       latticexp2
# Device:                       lfxp2-17e
#                               pqfp208ces
#                               pqfp208ies
#                               ftbga256ces
#                               ftbga256ies
#                               fpbga484ces
#                               fpbga484ies
# Device:                       lfxp2-30e
#                               ftbga256ces
#                               ftbga256ies
#                               fpbga484ces
#                               fpbga484ies
#                               fpbga672ces

```

```
#
# Device:          fpbga672ies
#                  lfxp2-40e
#                  fpbga484ces
#                  fpbga484ies
#                  fpbga672ces
#                  fpbga672ies
# Device:          lfxp2-5e
#                  csbga132ces
#                  csbga132ies
#                  tqfp144ces
#                  tqfp144ies
#                  pqfp208ces
#                  pqfp208ies
#                  ftbga256ces
#                  ftbga256ies
# Device:          lfxp2-8e
#                  csbga132ces
#                  csbga132ies
#                  tqfp144ces
#                  tqfp144ies
#                  pqfp208ces
#                  pqfp208ies
#                  ftbga256ces
#                  ftbga256ies
# Family:          machxo
# Device:          lamxo1200e
#                  tqfp100e
#                  tqfp144e
#                  ftbga256e
# Device:          lamxo2280e
#                  tqfp100e
#                  tqfp144e
#                  ftbga256e
#                  ftbga324e
# Device:          lamxo256c
#                  tqfp100e
# Device:          lamxo256e
#                  tqfp100e
# Device:          lamxo640c
#                  tqfp100e
#                  tqfp144e
#                  ftbga256e
# Device:          lamxo640e
#                  tqfp100e
#                  tqfp144e
#                  ftbga256e
# Device:          lcmxo1200c
#                  tqfp100c
#                  tqfp100i
#                  tqfp144c
#                  tqfp144i
#                  ftbga256c
#                  ftbga256i
#                  csbga132c
#                  csbga132i
# Device:          lcmxo1200e
#                  tqfp100c
```

```
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          csbga132c
#          csbga132i
# Device:  lcmxo2280c
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          ftbga324c
#          ftbga324i
#          csbga132c
#          csbga132i
# Device:  lcmxo2280e
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          ftbga324c
#          ftbga324i
#          csbga132c
#          csbga132i
# Device:  lcmxo256c
#          tqfp100c
#          tqfp100i
#          csbga100c
#          csbga100i
# Device:  lcmxo256e
#          tqfp100c
#          tqfp100i
#          csbga100c
#          csbga100i
# Device:  lcmxo640c
#          csbga100c
#          csbga100i
#          csbga132c
#          csbga132i
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
# Device:  lcmxo640e
#          csbga100c
#          csbga100i
#          csbga132c
#          csbga132i
#          tqfp100c
#          tqfp100i
```

```
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
# #####
# Tool version:      ispLEVER61
# #####
# Family:           latticeec
# Device:          lfec10e
#                  pqfp208c
#                  pqfp208i
#                  fpbga256c
#                  fpbga256i
#                  fpbga484c
#                  fpbga484i
# Device:          lfec15e
#                  fpbga256c
#                  fpbga256i
#                  fpbga484c
#                  fpbga484i
# Device:          lfec1e
#                  tqfp100c
#                  tqfp100i
#                  tqfp144c
#                  tqfp144i
#                  pqfp208c
#                  pqfp208i
# Device:          lfec20e
#                  fpbga484c
#                  fpbga484i
#                  fpbga672c
#                  fpbga672i
# Device:          lfec33e
#                  fpbga484c
#                  fpbga484i
#                  fpbga672c
#                  fpbga672i
# Device:          lfec3e
#                  tqfp100c
#                  tqfp100i
#                  tqfp144c
#                  tqfp144i
#                  pqfp208c
#                  pqfp208i
#                  fpbga256c
#                  fpbga256i
# Device:          lfec6e
#                  tqfp144c
#                  tqfp144i
#                  pqfp208c
#                  pqfp208i
#                  fpbga256c
#                  fpbga256i
#                  fpbga484c
#                  fpbga484i
# Family:          latticeecp2dsp
# Device:          lfe2-12e
```

```
#          tqfp144ces
#          tqfp144ies
#          pqfp208ces
#          pqfp208ies
#          fpbga256ces
#          fpbga256ies
#          fpbga484ces
#          fpbga484ies
# Device:  lfe2-20e
#          pqfp208ces
#          pqfp208ies
#          fpbga256ces
#          fpbga256ies
#          fpbga484ces
#          fpbga484ies
#          fpbga672ces
#          fpbga672ies
# Device:  lfe2-35e
#          fpbga484ces
#          fpbga484ies
#          fpbga672ces
#          fpbga672ies
# Device:  lfe2-50e
#          fpbga484ces
#          fpbga484ies
#          fpbga672ces
#          fpbga672ies
# Device:  lfe2-6e
#          tqfp144ces
#          tqfp144ies
#          fpbga256ces
#          fpbga256ies
# Device:  lfe2-70e
#          fpbga672ces
#          fpbga672ies
#          fpbga900ces
#          fpbga900ies
# Family:  latticeecp2mdsp
# Device:  lfe2m100e
#          fpbga900ces
#          fpbga900ies
# Device:  lfe2m20e
#          fpbga256ces
#          fpbga256ies
#          fpbga484ces
#          fpbga484ies
# Device:  lfe2m35e
#          fpbga256ces
#          fpbga256ies
#          fpbga484ces
#          fpbga484ies
#          fpbga672ces
#          fpbga672ies
# Device:  lfe2m50e
#          fpbga484ces
#          fpbga484ies
#          fpbga672ces
```

```
#           fpbga672ies
#           fpbga900ces
#           fpbga900ies
# Device:   lfe2m70e
#           fpbga900ces
#           fpbga900ies
# Family:   latticeecpdsp
# Device:   lfecp10e
#           pqfp208c
#           pqfp208i
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
# Device:   lfecp15e
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
# Device:   lfecp20e
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
# Device:   lfecp33e
#           fpbga484c
#           fpbga484i
#           fpbga672c
#           fpbga672i
# Device:   lfecp6e
#           tqfp144c
#           tqfp144i
#           pqfp208c
#           pqfp208i
#           fpbga256c
#           fpbga256i
#           fpbga484c
#           fpbga484i
# Family:   latticesc
# Device:   lfsc3ga15e
#           fpbga256ces
#           fpbga256ies
#           fpbga900ces
#           fpbga900ies
# Device:   lfsc3ga25e
#           fpbga900ces
#           fpbga900ies
#           ffbga1020ces
#           ffbga1020ies
# Device:   lfsc3ga40e
#           ffbga1020ces
#           ffbga1020ies
#           fcbga1152ces
#           fcbga1152ies
# Device:   lfsc3ga80e
#           fcbga1152ces
#           fcbga1152ies
```

```

#             fcbga1704ces
#             fcbga1704ies
# Family:      latticescm
# Device:      lfscm3ga15ep1
#             fpbga256ces
#             fpbga256ies
#             fpbga900ces
#             fpbga900ies
# Device:      lfscm3ga25ep1
#             fpbga900ces
#             fpbga900ies
#             ffbga1020ces
#             ffbga1020ies
# Device:      lfscm3ga40ep1
#             ffbga1020ces
#             ffbga1020ies
#             fcbga1152ces
#             fcbga1152ies
# Device:      lfscm3ga80ep1
#             fcbga1152ces
#             fcbga1152ies
#             fcbga1704ces
#             fcbga1704ies
# Family:      latticexp
# Device:      lfxp10c
#             fpbga256c
#             fpbga256i
#             fpbga388c
#             fpbga388i
# Device:      lfxp10e
#             fpbga256c
#             fpbga256i
#             fpbga388c
#             fpbga388i
# Device:      lfxp15c
#             fpbga256c
#             fpbga256i
#             fpbga388c
#             fpbga388i
#             fpbga484c
#             fpbga484i
# Device:      lfxp15e
#             fpbga256c
#             fpbga256i
#             fpbga388c
#             fpbga388i
#             fpbga484c
#             fpbga484i
# Device:      lfxp20c
#             fpbga256c
#             fpbga256i
#             fpbga388c
#             fpbga388i
#             fpbga484c
#             fpbga484i
# Device:      lfxp20e
#             fpbga256c

```

```
#          fpbga256i
#          fpbga388c
#          fpbga388i
#          fpbga484c
#          fpbga484i
# Device:  lfxp3c
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          pqfp208c
#          pqfp208i
# Device:  lfxp3e
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          pqfp208c
#          pqfp208i
# Device:  lfxp6c
#          tqfp144c
#          tqfp144i
#          pqfp208c
#          pqfp208i
#          fpbga256c
#          fpbga256i
# Device:  lfxp6e
#          tqfp144c
#          tqfp144i
#          pqfp208c
#          pqfp208i
#          fpbga256c
#          fpbga256i
# Family:  machxo
# Device:  lamxo1200e
#          tqfp100e
#          tqfp144e
#          ftbga256e
# Device:  lamxo2280e
#          tqfp100e
#          tqfp144e
#          ftbga256e
#          ftbga324e
# Device:  lamxo256c
#          tqfp100e
# Device:  lamxo256e
#          tqfp100e
# Device:  lamxo640c
#          tqfp100e
#          tqfp144e
#          ftbga256e
# Device:  lamxo640e
#          tqfp100e
#          tqfp144e
#          ftbga256e
# Device:  lcmxo1200c
#          tqfp100c
```

```
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          csbga132c
#          csbga132i
# Device:  lcmxo1200e
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          csbga132c
#          csbga132i
# Device:  lcmxo2280c
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          ftbga324c
#          ftbga324i
#          csbga132c
#          csbga132i
# Device:  lcmxo2280e
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
#          ftbga324c
#          ftbga324i
#          csbga132c
#          csbga132i
# Device:  lcmxo256c
#          tqfp100c
#          tqfp100i
#          csbga100c
#          csbga100i
# Device:  lcmxo256e
#          tqfp100c
#          tqfp100i
#          csbga100c
#          csbga100i
# Device:  lcmxo640c
#          csbga100c
#          csbga100i
#          csbga132c
#          csbga132i
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
```

```
#          ftbga256c
#          ftbga256i
# Device:          lcmxo640e
#          csbga100c
#          csbga100i
#          csbga132c
#          csbga132i
#          tqfp100c
#          tqfp100i
#          tqfp144c
#          tqfp144i
#          ftbga256c
#          ftbga256i
# #####
# Vendor:          xilinx
# #####
# #####
# Tool version:    ISE 10.1
# #####
# Family:          acr2
# Device:          xa2c128
#          vq100
#          cp132
# Device:          xa2c256
#          vq100
#          tq144
# Device:          xa2c32a
#          vq44
# Device:          xa2c384
#          tq144
# Device:          xa2c64a
#          vq44
#          vq100
# Family:          aspartan2e
# Device:          xa2s100e
#          tq144
# Device:          xa2s150e
#          ft256
# Device:          xa2s200e
#          ft256
# Device:          xa2s300e
#          ft256
# Device:          xa2s50e
#          tq144
# Family:          aspartan3
# Device:          xa3s1000
#          ftg256
#          fgg456
# Device:          xa3s1500
#          fgg456
#          fgg676
# Device:          xa3s200
#          pqg208
#          ftg256
#          vqg100
#          tqg144
# Device:          xa3s400
```

```
#           pgg208
#           ftg256
#           fgg456
# Device:   xa3s50
#           vqg100
#           pgg208
# Family:   aspartan3a
# Device:   xa3s1400a
#           fgg484
# Device:   xa3s200a
#           ftg256
# Device:   xa3s400a
#           ftg256
#           fgg400
# Device:   xa3s700a
#           fgg400
#           fgg484
# Family:   aspartan3adsp
# Device:   xa3sd1800a
#           csg484
#           fgg676
# Family:   aspartan3e
# Device:   xa3s100e
#           vqg100
#           cpg132
#           tqg144
# Device:   xa3s1200e
#           fgg400
#           ftg256
# Device:   xa3s1600e
#           fgg400
#           fgg484
# Device:   xa3s250e
#           cpg132
#           ftg256
#           vqg100
#           tqg144
#           pgg208
# Device:   xa3s500e
#           cpg132
#           ftg256
#           pgg208
# Family:   coolrunner
# Device:   r3032xl
#           pc44
#           vq44
#           cs48
# Device:   r3064xl
#           pc44
#           vq44
#           cs48
#           cp56
#           vq100
# Device:   r3128xl
#           vq100
#           cs144
#           tq144
```



```
# Device:                2c64a
#                          pc44
#                          vq44
#                          qfg48
#                          cp56
#                          cv64
#                          vq100
#                          di81
# Family:                 qrvirtex
# Device:                 xqvr1000
#                          cg560
# Device:                 xqvr300
#                          cb228
# Device:                 xqvr600
#                          cb228
# Family:                 qrvirtex2
# Device:                 xqr2v1000
#                          bg575
# Device:                 xqr2v3000
#                          cg717
# Device:                 xqr2v6000
#                          cf1144
# Family:                 qrvirtex4
# Device:                 xqr4vfx140
#                          cf1509
# Device:                 xqr4vfx60
#                          cf1144
# Device:                 xqr4v1x200
#                          cf1509
# Device:                 xqr4vsx55
#                          cf1140
# Family:                 qvirtex
# Device:                 xqv100
#                          bg256
#                          cb228
#                          pq240
# Device:                 xqv1000
#                          bg560
#                          cg560
# Device:                 xqv300
#                          bg352
#                          bg432
#                          cb228
#                          pq240
# Device:                 xqv600
#                          bg432
#                          cb228
#                          hq240
# Family:                 qvirtex2
# Device:                 xq2v1000
#                          bg575
#                          fg456
# Device:                 xq2v3000
#                          bg728
#                          cg717
# Device:                 xq2v6000
#                          cf1144
```

```
#           ef1152
#           ef957
# Family:   qvirtex2p
# Device:   xq2vp40
#           fg676
#           ff1152
# Device:   xq2vp70
#           ff1704
#           ef1704
# Family:   qvirtex4
# Device:   xq4vfx100
#           ff1152
# Device:   xq4vfx60
#           ef672
# Device:   xq4v1x100
#           ff1148
# Device:   xq4v1x160
#           ff1148
# Device:   xq4v1x25
#           ff668
#           sf363
# Device:   xq4v1x60
#           ff1148
#           ff668
#           ef668
# Device:   xq4vsx55
#           ff1148
# Family:   qvirtexe
# Device:   xqv1000e
#           bg560
#           cg560
# Device:   xqv2000e
#           bg560
#           fg1156
# Device:   xqv600e
#           bg432
# Family:   spartan2
# Device:   2s100
#           tq144
#           fg256
#           fg456
#           pq208
# Device:   2s15
#           cs144
#           tq144
#           vq100
# Device:   2s150
#           fg456
#           fg256
#           pq208
# Device:   2s200
#           fg256
#           fg456
#           pq208
# Device:   2s30
#           cs144
#           tq144
```

```
#           pq208
#           vq100
# Device:   2s50
#           tq144
#           fg256
#           pq208
# Family:   spartan2e
# Device:   2s100e
#           ft256
#           fg456
#           pq208
#           tq144
# Device:   2s150e
#           ft256
#           fg456
#           pq208
# Device:   2s200e
#           ft256
#           fg456
#           pq208
# Device:   2s300e
#           ft256
#           fg456
#           pq208
# Device:   2s400e
#           ft256
#           fg456
#           fg676
# Device:   2s50e
#           ft256
#           pq208
#           tq144
# Device:   2s600e
#           fg456
#           fg676
# Family:   spartan3
# Device:   3s1000
#           fg320
#           fg456
#           fg676
#           ft256
# Device:   3s10001
#           ft256
#           fg320
#           fg456
# Device:   3s1500
#           fg320
#           fg456
#           fg676
# Device:   3s15001
#           fg320
#           fg456
#           fg676
# Device:   3s200
#           ft256
#           pq208
#           tq144
```

```

#           vq100
# Device:   3s2000
#           fg456
#           fg676
#           fg900
# Device:   3s400
#           fg320
#           fg456
#           ft256
#           pq208
#           tq144
# Device:   3s4000
#           fg676
#           fg900
#           fg1156
# Device:   3s40001
#           fg900
# Device:   3s50
#           pq208
#           tq144
#           vq100
#           cp132
# Device:   3s5000
#           fg900
#           fg1156
#           fg676
# Family:   spartan3a
# Device:   3s1400a
#           fg484
#           fg676
#           ft256
# Device:   3s1400an
#           fgg676
# Device:   3s200a
#           ft256
#           fg320
#           vq100
# Device:   3s200an
#           ftg256
# Device:   3s400a
#           ft256
#           fg320
#           fg400
# Device:   3s400an
#           fgg400
# Device:   3s50a
#           tq144
#           ft256
#           vq100
# Device:   3s50an
#           tqg144
# Device:   3s700a
#           fg400
#           fg484
#           ft256
# Device:   3s700an
#           fgg484

```

```
# Family:          spartan3adsp
# Device:          3sd1800a
#                  cs484
#                  fg676
# Device:          3sd3400a
#                  fg676
#                  cs484
# Family:          spartan3e
# Device:          3s100e
#                  vq100
#                  cp132
#                  tq144
# Device:          3s1200e
#                  ft256
#                  fg320
#                  fg400
# Device:          3s1600e
#                  fg320
#                  fg400
#                  fg484
# Device:          3s250e
#                  vq100
#                  cp132
#                  tq144
#                  ft256
#                  pq208
# Device:          3s500e
#                  cp132
#                  ft256
#                  fg320
#                  pq208
#                  vq100
# Family:          virtex
# Device:          v100
#                  bg256
#                  cs144
#                  fg256
#                  pq240
#                  tq144
# Device:          v1000
#                  bg560
#                  fg680
# Device:          v150
#                  bg256
#                  bg352
#                  fg256
#                  fg456
#                  pq240
# Device:          v200
#                  bg256
#                  bg352
#                  fg256
#                  fg456
#                  pq240
# Device:          v300
#                  bg352
#                  bg432
```

```

# fg456
# pq240
# Device: v400
# bg432
# bg560
# fg676
# hq240
# Device: v50
# bg256
# cs144
# fg256
# pq240
# tq144
# Device: v600
# bg432
# bg560
# fg676
# fg680
# hq240
# Device: v800
# bg432
# bg560
# fg676
# fg680
# hq240
# Family: virtex2
# Device: 2v1000
# bg575
# ff896
# fg256
# fg456
# Device: 2v1500
# bg575
# ff896
# fg676
# Device: 2v2000
# bf957
# bg575
# ff896
# fg676
# Device: 2v250
# cs144
# fg256
# fg456
# Device: 2v3000
# bf957
# bg728
# ff1152
# fg676
# Device: 2v40
# cs144
# fg256
# Device: 2v4000
# bf957
# ff1152
# ff1517
# Device: 2v500

```

```
#           fg256
#           fg456
# Device:   2v6000
#           bf957
#           ff1152
#           ff1517
# Device:   2v80
#           cs144
#           fg256
# Device:   2v8000
#           ff1152
#           ff1517
# Family:   virtex2p
# Device:   2vp100
#           ff1696
#           ff1704
# Device:   2vp2
#           fg256
#           fg456
#           ff672
# Device:   2vp20
#           fg676
#           ff896
#           ff1152
# Device:   2vp30
#           fg676
#           ff896
#           ff1152
# Device:   2vp4
#           fg256
#           fg456
#           ff672
# Device:   2vp40
#           fg676
#           ff1148
#           ff1152
# Device:   2vp50
#           ff1148
#           ff1152
#           ff1517
# Device:   2vp7
#           fg456
#           ff672
#           ff896
# Device:   2vp70
#           ff1517
#           ff1704
# Device:   2vpX20
#           ff896
# Device:   2vpX70
#           ff1704
# Family:   virtex4
# Device:   4vfx100
#           ff1152
#           ff1517
# Device:   4vfx12
#           sf363
```

```
#          ff668
# Device:  4vfx140
#          ff1517
# Device:  4vfx20
#          ff672
# Device:  4vfx40
#          ff672
#          ff1152
# Device:  4vfx60
#          ff672
#          ff1152
# Device:  4vfx100
#          ff1148
#          ff1513
# Device:  4vfx15
#          sf363
#          ff668
#          ff676
# Device:  4vfx160
#          ff1148
#          ff1513
# Device:  4vfx200
#          ff1513
# Device:  4vfx25
#          sf363
#          ff668
#          ff676
# Device:  4vfx40
#          ff668
#          ff1148
# Device:  4vfx60
#          ff668
#          ff1148
# Device:  4vfx80
#          ff1148
# Device:  4vsx25
#          ff668
# Device:  4vsx35
#          ff668
# Device:  4vsx55
#          ff1148
# Family:  virtex5
# Device:  5vfx100t
#          ff1738
#          ff1136
# Device:  5vfx130t
#          ff1738
# Device:  5vfx200t
#          ff1738
# Device:  5vfx30t
#          ff665
# Device:  5vfx70t
#          ff1136
#          ff665
# Device:  5vfx110
#          ff676
#          ff1153
```

```
#          ff1760
# Device: 5v1x110t
#          ff1136
#          ff1738
# Device: 5v1x155
#          ff1153
#          ff1760
# Device: 5v1x155t
#          ff1136
#          ff1738
# Device: 5v1x20t
#          ff323
# Device: 5v1x220
#          ff1760
# Device: 5v1x220t
#          ff1738
# Device: 5v1x30
#          ff324
#          ff676
# Device: 5v1x30t
#          ff323
#          ff665
# Device: 5v1x330
#          ff1760
# Device: 5v1x330t
#          ff1738
# Device: 5v1x50
#          ff324
#          ff676
#          ff1153
# Device: 5v1x50t
#          ff1136
#          ff665
# Device: 5v1x85
#          ff676
#          ff1153
# Device: 5v1x85t
#          ff1136
# Device: 5vsx240t
#          ff1738
# Device: 5vsx35t
#          ff665
# Device: 5vsx50t
#          ff1136
#          ff665
# Device: 5vsx95t
#          ff1136
# Family: virtexe
# Device: v100e
#          bg560
#          fg680
#          fg860
#          fg900
#          fg1156
#          hq240
# Device: v100e
#          bg352
```

```
# cs144
# fg256
# pq240
# Device: v1600e
# bg560
# fg680
# fg860
# fg900
# fg1156
# Device: v2000e
# bg560
# fg680
# fg860
# fg1156
# Device: v200e
# bg352
# cs144
# fg256
# fg456
# pq240
# Device: v2600e
# fg1156
# Device: v300e
# bg352
# bg432
# fg256
# fg456
# pq240
# Device: v3200e
# fg1156
# Device: v400e
# bg432
# bg560
# fg676
# pq240
# Device: v405e
# bg560
# fg676
# Device: v50e
# cs144
# pq240
# fg256
# Device: v600e
# bg432
# bg560
# fg676
# fg680
# fg900
# hq240
# Device: v812e
# bg560
# fg900
# Family: xa9500xl
# Device: xa95144xl
# cs144
# Device: xa9536xl
# vq44
```

```
# Device: xa9572xl
# vq44
# vq64
# tq100
# Family: xc9500
# Device: 95108
# pc84
# pq100
# tq100
# pq160
# Device: 95144
# pq100
# tq100
# pq160
# Device: 95216
# pq160
# hq208
# bg352
# Device: 95288
# hq208
# bg352
# Device: 9536
# pc44
# vq44
# cs48
# Device: 9572
# pc44
# pc84
# pq100
# tq100
# Family: xc9500xl
# Device: 95144xl
# tq100
# tq144
# cs144
# Device: 95288xl
# tq144
# pq208
# cs280
# bg256
# fg256
# Device: 9536xl
# pc44
# vq44
# cs48
# vq64
# Device: 9572xl
# pc44
# vq44
# cs48
# vq64
# tq100
# Family: xc9500xv
# Device: 95144xv
# tq100
# tq144
# cs144
```

```
# Device:          95288xv
#                  tq144
#                  pq208
#                  cs280
#                  fg256
# Device:          9536xv
#                  pc44
#                  vq44
#                  cs48
# Device:          9572xv
#                  pc44
#                  vq44
#                  cs48
#                  tq100
# #####
# Tool version:    ISE 9.2
# #####
# Family:          acr2
# Device:          xa2c128
#                  vq100
# Device:          xa2c256
#                  vq100
#                  tq144
# Device:          xa2c32a
#                  vq44
# Device:          xa2c384
#                  tq144
# Device:          xa2c64a
#                  vq44
#                  vq100
# Family:          aspartan2e
# Device:          xa2s100e
#                  tq144
# Device:          xa2s150e
#                  ft256
# Device:          xa2s200e
#                  ft256
# Device:          xa2s300e
#                  ft256
# Device:          xa2s50e
#                  tq144
# Family:          aspartan3
# Device:          xa3s1000
#                  ftg256
#                  fgg456
# Device:          xa3s1500
#                  fgg456
#                  fgg676
# Device:          xa3s200
#                  pqg208
#                  ftg256
#                  vqg100
#                  tqg144
# Device:          xa3s400
#                  pqg208
#                  ftg256
#                  fgg456
```

```
# Device:          xa3s50
#                  vqg100
#                  pqg208
# Family:          aspartan3e
# Device:          xa3s100e
#                  vqg100
#                  cpq132
#                  tqg144
# Device:          xa3s1200e
#                  fgg400
#                  ftg256
# Device:          xa3s1600e
#                  fgg400
#                  fgg484
# Device:          xa3s250e
#                  cpq132
#                  ftg256
#                  vqg100
#                  tqg144
#                  pqg208
# Device:          xa3s500e
#                  cpq132
#                  ftg256
#                  pqg208
# Family:          coolrunner
# Device:          r3032xl
#                  pc44
#                  vq44
#                  cs48
# Device:          r3064xl
#                  pc44
#                  vq44
#                  cs48
#                  cp56
#                  vq100
# Device:          r3128xl
#                  vq100
#                  cs144
#                  tq144
# Device:          r3256xl
#                  tq144
#                  pq208
#                  ft256
#                  cs280
# Device:          r3384xl
#                  tq144
#                  pq208
#                  ft256
#                  fg324
# Device:          r3512xl
#                  pq208
#                  ft256
#                  fg324
# Family:          coolrunner2
# Device:          2c128
#                  vq100
#                  cv100
```

```
#           cp132
#           tq144
#           di126
# Device:   2c256
#           vq100
#           cp132
#           tq144
#           pq208
#           ft256
#           di222
# Device:   2c32
#           pc44
#           vq44
#           cp56
#           di44
# Device:   2c32a
#           qfg32
#           pc44
#           vq44
#           cp56
#           di44
#           cv64
# Device:   2c384
#           tq144
#           pq208
#           ft256
#           fg324
#           di288
# Device:   2c512
#           pq208
#           ft256
#           fg324
#           di324
# Device:   2c64
#           pc44
#           vq44
#           cp56
#           vq100
#           di81
# Device:   2c64a
#           pc44
#           vq44
#           qfg48
#           cp56
#           cv64
#           vq100
#           di81
# Family:   qrvirtex
# Device:   xqvr1000
#           cg560
# Device:   xqvr300
#           cb228
# Device:   xqvr600
#           cb228
# Family:   qrvirtex2
# Device:   xqr2v1000
#           bg575
```

```
# Device:          xqr2v3000
#                  cg717
# Device:          xqr2v6000
#                  cf1144
# Family:          qvirtex
# Device:          xqv100
#                  bg256
#                  cb228
#                  pq240
# Device:          xqv1000
#                  bg560
#                  cg560
# Device:          xqv300
#                  bg352
#                  bg432
#                  cb228
#                  pq240
# Device:          xqv600
#                  bg432
#                  cb228
#                  hq240
# Family:          qvirtex2
# Device:          xq2v1000
#                  bg575
#                  fg456
# Device:          xq2v3000
#                  bg728
#                  cg717
# Device:          xq2v6000
#                  cf1144
# Family:          qvirtex2p
# Device:          xq2vp40
#                  fg676
#                  ff1152
# Device:          xq2vp70
#                  ff1704
# Family:          qvirtex4
# Device:          xq4vlx100
#                  ff1148
# Device:          xq4vlx160
#                  ff1148
# Device:          xq4vlx25
#                  ff668
#                  sf363
# Device:          xq4vlx60
#                  ff1148
#                  ff668
# Device:          xq4vsx55
#                  ff1148
# Family:          qvirtexe
# Device:          xqv1000e
#                  bg560
#                  cg560
# Device:          xqv2000e
#                  bg560
#                  fg1156
# Device:          xqv600e
```

```
#                               bg432
# Family:                       spartan2
# Device:                        2s100
#                               tq144
#                               fg256
#                               fg456
#                               pq208
# Device:                        2s15
#                               cs144
#                               tq144
#                               vq100
# Device:                        2s150
#                               fg456
#                               fg256
#                               pq208
# Device:                        2s200
#                               fg256
#                               fg456
#                               pq208
# Device:                        2s30
#                               cs144
#                               tq144
#                               pq208
#                               vq100
# Device:                        2s50
#                               tq144
#                               fg256
#                               pq208
# Family:                       spartan2e
# Device:                        2s100e
#                               ft256
#                               fg456
#                               pq208
#                               tq144
# Device:                        2s150e
#                               ft256
#                               fg456
#                               pq208
# Device:                        2s200e
#                               ft256
#                               fg456
#                               pq208
# Device:                        2s300e
#                               ft256
#                               fg456
#                               pq208
# Device:                        2s400e
#                               ft256
#                               fg456
#                               fg676
# Device:                        2s50e
#                               ft256
#                               pq208
#                               tq144
# Device:                        2s600e
#                               fg456
#                               fg676
```



```
# Device:          3s200an
#                  ftg256
# Device:          3s400a
#                  ft256
#                  fg320
#                  fg400
# Device:          3s400an
#                  fgg400
# Device:          3s50a
#                  tq144
#                  ft256
# Device:          3s50an
#                  tqg144
# Device:          3s700a
#                  fg400
#                  fg484
# Device:          3s700an
#                  fgg484
# Family:          spartan3adsp
# Device:          3sd1800a
#                  cs484
#                  fg676
# Device:          3sd3400a
#                  fg676
#                  cs484
# Family:          spartan3e
# Device:          3s100e
#                  vq100
#                  cp132
#                  tq144
# Device:          3s1200e
#                  ft256
#                  fg320
#                  fg400
# Device:          3s1600e
#                  fg320
#                  fg400
#                  fg484
# Device:          3s250e
#                  vq100
#                  cp132
#                  tq144
#                  ft256
#                  pq208
# Device:          3s500e
#                  cp132
#                  ft256
#                  fg320
#                  pq208
# Family:          virtex
# Device:          v100
#                  bg256
#                  cs144
#                  fg256
#                  pq240
#                  tq144
# Device:          v1000
```

```
#           bg560
#           fg680
# Device:   v150
#           bg256
#           bg352
#           fg256
#           fg456
#           pq240
# Device:   v200
#           bg256
#           bg352
#           fg256
#           fg456
#           pq240
# Device:   v300
#           bg352
#           bg432
#           fg456
#           pq240
# Device:   v400
#           bg432
#           bg560
#           fg676
#           hq240
# Device:   v50
#           bg256
#           cs144
#           fg256
#           pq240
#           tq144
# Device:   v600
#           bg432
#           bg560
#           fg676
#           fg680
#           hq240
# Device:   v800
#           bg432
#           bg560
#           fg676
#           fg680
#           hq240
# Family:   virtex2
# Device:   2v1000
#           bg575
#           ff896
#           fg256
#           fg456
# Device:   2v1500
#           bg575
#           ff896
#           fg676
# Device:   2v2000
#           bf957
#           bg575
#           ff896
#           fg676
```

```
# Device:                2v250
#                          cs144
#                          fg256
#                          fg456
# Device:                2v3000
#                          bf957
#                          bg728
#                          ff1152
#                          fg676
# Device:                2v40
#                          cs144
#                          fg256
# Device:                2v4000
#                          bf957
#                          ff1152
#                          ff1517
# Device:                2v500
#                          fg256
#                          fg456
# Device:                2v6000
#                          bf957
#                          ff1152
#                          ff1517
# Device:                2v80
#                          cs144
#                          fg256
# Device:                2v8000
#                          ff1152
#                          ff1517
# Family:                virtex2p
# Device:                2vp100
#                          ff1696
#                          ff1704
# Device:                2vp2
#                          fg256
#                          fg456
#                          ff672
# Device:                2vp20
#                          fg676
#                          ff896
#                          ff1152
# Device:                2vp30
#                          fg676
#                          ff896
#                          ff1152
# Device:                2vp4
#                          fg256
#                          fg456
#                          ff672
# Device:                2vp40
#                          fg676
#                          ff1148
#                          ff1152
# Device:                2vp50
#                          ff1148
#                          ff1152
#                          ff1517
```



```
#
#                               ff1148
# Family:                       virtex5
# Device:                        5vlx110
#                               ff676
#                               ff1153
#                               ff1760
# Device:                        5vlx110t
#                               ff1136
#                               ff1738
# Device:                        5vlx155
#                               ff1153
#                               ff1760
# Device:                        5vlx155t
#                               ff1136
#                               ff1738
# Device:                        5vlx20t
#                               ff323
# Device:                        5vlx220
#                               ff1760
# Device:                        5vlx220t
#                               ff1738
# Device:                        5vlx30
#                               ff324
#                               ff676
# Device:                        5vlx30t
#                               ff323
#                               ff665
# Device:                        5vlx330
#                               ff1760
# Device:                        5vlx330t
#                               ff1738
# Device:                        5vlx50
#                               ff324
#                               ff676
#                               ff1153
# Device:                        5vlx50t
#                               ff1136
#                               ff665
# Device:                        5vlx85
#                               ff676
#                               ff1153
# Device:                        5vlx85t
#                               ff1136
# Device:                        5vsx35t
#                               ff665
# Device:                        5vsx50t
#                               ff1136
#                               ff665
# Device:                        5vsx95t
#                               ff1136
# Family:                       virtexe
# Device:                        v1000e
#                               bg560
#                               fg680
#                               fg860
#                               fg900
#                               fg1156
```

```
#             hq240
# Device:     v100e
#             bg352
#             cs144
#             fg256
#             pq240
# Device:     v1600e
#             bg560
#             fg680
#             fg860
#             fg900
#             fg1156
# Device:     v2000e
#             bg560
#             fg680
#             fg860
#             fg1156
# Device:     v200e
#             bg352
#             cs144
#             fg256
#             fg456
#             pq240
# Device:     v2600e
#             fg1156
# Device:     v300e
#             bg352
#             bg432
#             fg256
#             fg456
#             pq240
# Device:     v3200e
#             fg1156
# Device:     v400e
#             bg432
#             bg560
#             fg676
#             pq240
# Device:     v405e
#             bg560
#             fg676
# Device:     v50e
#             cs144
#             pq240
#             fg256
# Device:     v600e
#             bg432
#             bg560
#             fg676
#             fg680
#             fg900
#             hq240
# Device:     v812e
#             bg560
#             fg900
# Family:     xa9500x1
# Device:     xa9536x1
```

```
#          vq44
# Device:  xa9572xl
#          vq44
#          vq64
#          tq100
# Family:  xc9500
# Device:  95108
#          pc84
#          pq100
#          tq100
#          pq160
# Device:  95144
#          pq100
#          tq100
#          pq160
# Device:  95216
#          pq160
#          hq208
#          bg352
# Device:  95288
#          hq208
#          bg352
# Device:  9536
#          pc44
#          vq44
#          cs48
# Device:  9572
#          pc44
#          pc84
#          pq100
#          tq100
# Family:  xc9500xl
# Device:  95144xl
#          tq100
#          tq144
#          cs144
# Device:  95288xl
#          tq144
#          pq208
#          cs280
#          bg256
#          fg256
# Device:  9536xl
#          pc44
#          vq44
#          cs48
#          vq64
# Device:  9572xl
#          pc44
#          vq44
#          cs48
#          vq64
#          tq100
# Family:  xc9500xv
# Device:  95144xv
#          tq100
#          tq144
```

```
#          cs144
# Device:  95288xv
#          tq144
#          pq208
#          cs280
#          fg256
# Device:  9536xv
#          pc44
#          vq44
#          cs48
# Device:  9572xv
#          pc44
#          vq44
#          cs48
#          tq100
```