


```
#           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:   mlafs600
#           pqfp208
#           fbga256
#           fbga484
# Device:   m7afs600
#           pqfp208
#           fbga256
#           fbga484
# Family:   igloo
# Device:   agl030v2
#           cs81
#           uc81
#           vqfp100
```

```
#           qfn132
# Device:   agl030v5
#           cs81
#           uc81
#           vqfp100
#           qfn132
# Device:   agl060v2
#           vqfp100
#           cs121
# Device:   agl060v5
#           vqfp100
#           cs121
# Device:   agl125v2
#           vqfp100
#           qfn132
#           fbga144
#           cs196
# Device:   agl125v5
#           vqfp100
#           qfn132
#           fbga144
#           cs196
# Device:   agl250v2
#           vqfp100
#           fbga144
# Device:   agl250v5
#           vqfp100
#           fbga144
# 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:   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
# Device: a3pe600
# pqfp208
# fbga256
# fbga484
# Device: m1a3pe1500
```

```
# pqfp208
# fbga484
# fbga676
# #####
# Tool version: Designer 8.0
# #####
# 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:  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:          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:   mlafs600
#           pqfp208
#           fbga256
#           fbga484
# Device:   m7afs600
#           pqfp208
#           fbga256
#           fbga484
# Family:   igloo
# Device:   agl030v2
#           cs81
#           vqfp100
#           qfn132
# Device:   agl030v5
#           cs81
#           vqfp100
#           qfn132
# Device:   agl125v2
#           vqfp100
#           qfn132
```

```
#          fbga144
#          cs196
# Device:  agl125v5
#          vqfp100
#          qfn132
#          fbga144
#          cs196
# Device:  agl600v2
#          fbga144
#          fbga256
#          fbga484
# Device:  agl600v5
#          fbga144
#          fbga256
#          fbga484
# Device:  mlagl600v2
#          fbga144
#          fbga256
#          fbga484
# Device:  mlagl600v5
#          fbga144
#          fbga256
#          fbga484
# Family:  iglooe
# 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: m7a3p1000
# fbga144
# pqfp208
# fbga256
# fbga484
# Family: proasic3e
# Device: a3pe1500
# pqfp208
# fbga484
# fbga676
# Device: a3pe3000
# pqfp208
# Device: a3pe600
# pqfp208
# fbga256
# fbga484
# Device: m1a3pe1500
# pqfp208
# fbga484
# fbga676
# #####
# 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
# til44
# 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
# f256i
# f256a
# f484c
# f484i
# f484a
# Device: ep2c20
# f256c
# f256i
# f484c
# f484i
# q240c
# Device: ep2c20a
# f256i
# f256a
# f484i
# f484a
# 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:  hc1s25
#          f672
# Device:  hc1s30
#          f780
# Device:  hc1s40
#          f780
# Device:  hc1s60
#          f1020
# Device:  hc1s80
#          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
# til44
# tal44
# Device: epm7256ae
# fc100
# fi100
# fc256
# fi256
# qc208
# qi208
# tc100
# ti100
# tc144
# til44
# 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
# 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: eplc12
# 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
# til44
# Device: epf10k20
# rc208
# ri208
# rc240
# ri240
# tc144
# til44
# 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
# til44
# Device: epf10k30a
# bc356
# fc256
# fc484
# qc208
# qi208
# qc240
# qi240
# tc144
# til44
# 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
# Device:      hc210w
#             f484c
#             f484i
# Device:      hc220
#             f672c
#             f672i
#             f780c
#             f780i
# Device:      hc230
#             f1020c
#             f1020i
# Device:      hc240
#             f1020c
#             f1020i
#             f1508c
#             f1508i
# 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
#             m256c
#             m256i
#             t144c
#             t144i
# Device:      epml270g
#             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:  epls10
#          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
# Device: lfecp33e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
# Device: lfecp6e
# tqfp144c
# tqfp144i
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Family: latticeecp2
# Device: lfe2-12e
# tqfp144c
# tqfp144i
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# Device: lfe2-20e
# pqfp208c
# pqfp208i
# fpbga256c
# fpbga256i
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
# Device: lfe2-35e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
# Device: lfe2-50e
# fpbga484c
# fpbga484i
# fpbga672c
# fpbga672i
```

```
# Device:          lfe2-6e
#                  tqfp144c
#                  tqfp144i
#                  fpbga256c
#                  fpbga256i
# Device:          lfe2-70e
#                  fpbga672c
#                  fpbga672i
#                  fpbga900c
#                  fpbga900i
# Family:          latticeecp2m
# Device:          lfe2m100e
#                  fpbga900ces
#                  fpbga900ies
#                  fpbga1152ces
#                  fpbga1152ies
# Device:          lfe2m20e
#                  fpbga256ces
#                  fpbga256ies
#                  fpbga484ces
#                  fpbga484ies
# Device:          lfe2m35e
#                  fpbga256ces
#                  fpbga256ies
#                  fpbga256c
#                  fpbga256i
#                  fpbga484ces
#                  fpbga484ies
#                  fpbga484c
#                  fpbga484i
#                  fpbga672ces
#                  fpbga672ies
#                  fpbga672c
#                  fpbga672i
# Device:          lfe2m50e
#                  fpbga484ces
#                  fpbga484ies
#                  fpbga672ces
#                  fpbga672ies
#                  fpbga900ces
#                  fpbga900ies
# Device:          lfe2m70e
#                  fpbga900ces
#                  fpbga900ies
#                  fpbga1152ces
#                  fpbga1152ies
# Family:          latticeecp2ms
# Device:          lfe2m100se
#                  fpbga900ces
#                  fpbga900ies
#                  fpbga1152ces
#                  fpbga1152ies
# Device:          lfe2m20se
#                  fpbga256ces
#                  fpbga256ies
#                  fpbga484ces
#                  fpbga484ies
```



```

#                               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
#           fpbga672ies
# Device:   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
```



```

#                               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 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
# pqq208
# ftg256
# vqg100
# tqg144
# Device: xa3s400
# pqq208
# ftg256
# fgg456
# Device: xa3s50
# vqg100
# pqq208
# Family: aspartan3e
# Device: xa3s100e
# vqg100
# cpg132
# tqg144
# Device: xa3s1200e
# fgg400
# ftg256
# Device: xa3s1600e
# fgg400
# fgg484
# Device: xa3s250e
# cpg132
# ftg256
# vqg100
# tqg144
# pqq208
# Device: xa3s500e
# cpg132
# ftg256
# pqq208
# Family: coolrunner
# Device: r3032x1
# pc44
# vq44
# cs48
# Device: r3064x1
# 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
# 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
# Device:   3s1400an
#           fgg676
# Device:   3s200a
#           ft256
#           fg320
# 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
# 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: 4vxl100
# ff1148
# ff1513
# Device: 4vxl15
# sf363
# ff668
# ff676
```

```
# Device: 4vlx160
# ff1148
# ff1513
# Device: 4vlx200
# ff1513
# Device: 4vlx25
# sf363
# ff668
# ff676
# Device: 4vlx40
# ff668
# ff1148
# Device: 4vlx60
# ff668
# ff1148
# Device: 4vlx80
# ff1148
# Device: 4vsx25
# ff668
# Device: 4vsx35
# ff668
# Device: 4vsx55
# 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:   xa9500xl
# 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 9.1
# #####
# 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
# cpg132
# Device: xa3s1200e
# fgg400
# ftg256
# Device: xa3s1600e
# fgg400
# fgg484
# Device: xa3s250e
# cpg132
# ftg256
# vqg100
# Device: xa3s500e
# cpg132
# ftg256
# 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
#           cp132
#           tq144
#           di126
# Device:   2c256
#           vq100
#           cp132
#           tq144
#           pq208
#           ft256
#           di222
# Device:   2c32
#           pc44
#           vq44
#           cp56
#           di44
# Device:   2c32a
#           qfg32
#           pc44
#           vq44
#           cp56
#           di44
# 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
# 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
# ff1152
# Device: xq2v6000
# cf1144
# Family: qvirtex2p
# Device: xq2vp40
# fg676
# ff1152
# Device: xq2vp70
# ff1704
# Family: qvirtexe
# Device: xqv1000e
# bg560
# cg560
# Device: xqv2000e
```

```
#           bg560
#           fg1156
# Device:   xqv600e
#           bg432
#           cb228
# 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
# Family:   spartan3a
# Device:   3s1400a
#           fg484
#           fg676
# Device:   3s1400an
#           fg676

```

```
# Device:          3s200a
#                  ft256
#                  fg320
# Device:          3s200an
#                  ft256
# Device:          3s400a
#                  ft256
#                  fg320
#                  fg400
# Device:          3s400an
#                  fg400
# Device:          3s50a
#                  tq144
#                  ft256
# Device:          3s50an
#                  tq144
# Device:          3s700a
#                  fg400
#                  fg484
# Device:          3s700an
#                  fg484
# Family:          spartan3adsp
# Device:          3sd1800a
#                  cs484
#                  fg484
#                  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
```



```
#          ff668
# Device: 4vsx35
#          ff668
# Device: 4vsx55
#          ff1148
# Family: virtex5
# Device: 5vlx110
#          ff676
#          ff1153
#          ff1760
# Device: 5vlx110t
#          ff1136
#          ff1738
# Device: 5vlx220
#          ff1760
# Device: 5vlx220t
#          ff1738
# Device: 5vlx30
#          ff324
#          ff676
# Device: 5vlx30t
#          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:  xa9572x1
#          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
```