

```
# #####
#           Library Version 74_00
# #####
# #####
# Vendor:      actel
# #####
# #####
# Tool version: Designer 8.3
# #####
# 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
```

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#           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

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#                               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
```

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#             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
#          cs281
#          fbga144
#          fbga256
#          fbga484
# Device:  agl1000v5
#          cs281
#          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:   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:   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:   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 8.0
# #####
# 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:     eplc20
#             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
# f256a
# m164c
# m164i
# e144c
# e144i
# e144a
# u256c
# u256i
# u256a
# Device: ep3c120
# f484c
# f484i
# f780c
# f780i
# Device: ep3c16
# f256c
# f256i
# f256a
# f484c
# f484i
# f484a
# m164c
# m164i
# q240c
# e144c
# e144i
# e144a
# u256c
# u256i
# u256a
```

```
# u484c
# u484i
# u484a
# Device: ep3c25
# f256c
# f256i
# f256a
# f324c
# f324i
# f324a
# q240c
# e144c
# e144i
# e144a
# u256c
# u256i
# u256a
# Device: ep3c40
# f324c
# f324i
# f324a
# f484c
# f484i
# f484a
# f780c
# f780i
# q240c
# u484c
# u484i
# u484a
# Device: ep3c5
# f256c
# f256i
# f256a
# m164c
# m164i
# e144c
# e144i
# e144a
# u256c
# u256i
# u256a
# 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
# til44
# 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:          epm1270g
#                  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
# 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
# f780i
# f1152c
# f1152i
# Device: ep3se260
# h780c
# h780i
# f1152c
```

```
# f1152i
# f1517c
# f1517i
# Device: ep3se50
# f484c
# f484i
# f780c
# f780i
# Device: ep3se80
# f780c
# f780i
# f1152c
# f1152i
# Device: ep3sl110
# f780c
# f780i
# f1152c
# f1152i
# Device: ep3sl150
# f780c
# f780i
# f1152c
# f1152i
# Device: ep3sl200
# h780c
# h780i
# f1152c
# f1152i
# f1517c
# f1517i
# Device: ep3sl340
# h1152c
# h1152i
# f1517c
# f1517i
# f1760c
# f1760i
# Device: ep3sl50
# f484c
# f484i
# f780c
# f780i
# Device: ep3sl70
# f484c
# f484i
# f780c
# f780i
# #####
# 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
# 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
#          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: hcl1s25
# f672
# Device: hcl1s30
# f780
# Device: hcl1s40
# 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
# 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
#          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
# #####
# Vendor:    asic
# #####
# #####
# Tool version:  asic
# #####
# Family:    template
# Device:    template_device
#           tc100
# #####
# Vendor:    lattice
# #####
# #####
# Tool version:  ispLEVER71
# #####
# 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
```



```
#
# Family: latticeecp2m
# Device: lfe2m100e
#
# fpbga900c
# fpbga900i
# 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:      latticecp2s
# 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
#              fcbga1152c
#              fcbga1152i
#              fcbga1704c
#              fcbga1704i
# Device:      lfsc3ga15e
#              fpbga256c
#              fpbga256i
#              fpbga900c
#              fpbga900i
# Device:      lfsc3ga25e
#              fpbga900c
#              fpbga900i
```

```
#          ffbga1020c
#          ffbga1020i
# Device:  lfsc3ga40e
#          ffbga1020c
#          ffbga1020i
#          fcbga1152c
#          fcbga1152i
# Device:  lfsc3ga80e
#          fcbga1152c
#          fcbga1152i
#          fcbga1704c
#          fcbga1704i
# Family:  latticescm
# Device:  lfscm3ga115ep1
#          fcbga1152c
#          fcbga1152i
#          fcbga1704c
#          fcbga1704i
# Device:  lfscm3ga15ep1
#          fpbga256c
#          fpbga256i
#          fpbga900c
#          fpbga900i
# Device:  lfscm3ga25ep1
#          fpbga900c
#          fpbga900i
#          ffbga1020c
#          ffbga1020i
# Device:  lfscm3ga40ep1
#          ffbga1020c
#          ffbga1020i
#          fcbga1152c
#          fcbga1152i
# Device:  lfscm3ga80ep1
#          fcbga1152c
#          fcbga1152i
#          fcbga1704c
#          fcbga1704i
# 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
```



```
#          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
#          fpbga900c
#          fpbga900i
#          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
#                          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
# #####
# 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
# pqg208
# ftg256
# fgg456
# Device: xa3s50
# vqg100
# pqg208
# Family: aspartan3a
# Device: xa3s1400a
# fgg484
# Device: xa3s200a
# ftg256
# Device: xa3s400a
# ftg256
# fgg400
# Device: xa3s700a
# fgg400
# fgg484
# Family: aspartan3adsp
# Device: xa3sd1800a
# csg484
# fgg676
# Device: xa3sd3400a
# csg484
# fgg676
# Family: aspartan3e
# Device: xa3s100e
# vqg100
# cpg132
# tqg144
# Device: xa3s1200e
# fgg400
# ftg256
# Device: xa3s1600e
# fgg400
# fgg484
# Device: xa3s250e
# cpg132
# ftg256
# vqg100
# tqg144
# pqg208
# Device: xa3s500e
# cpg132
# 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:        qrvirtex4
# Device:        xqr4vfx140
#                cf1509
# Device:        xqr4vfx60
#                cf1144
# Device:        xqr4vlx200
#                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:   xq4vlx100
#           ff1148
# Device:   xq4vlx160
#           ff1148
# Device:   xq4vlx25
#           ff668
#           sf363
# Device:   xq4vlx60
#           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
```



```
# 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: 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: 5vsx240t
#         ff1738
# 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: 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: 9572x1
# 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: r3032x1
# pc44
# vq44
# cs48
# Device: r3064x1
# pc44
# vq44
# cs48
# cp56
# vq100
# Device: r3128x1
# vq100
# cs144
# tq144
# Device: r3256x1
# 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
```



```
# 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: 4vlx100
# ff1148
# ff1513
# Device: 4vlx15
# 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
```