MPC5600 Family Part Numbers

M — MC Qualification Status

P — PowerPC Core

C —

56 — Automotive Platform (C90)

0 — e200z0 Core version

4 — Flash Size (Core dependent)

P — Product

E — Data Flash (Blank if none)

F — FlexRay (Blank if none)

M — 125C Temp Spec

L — 144LQFP package

Q —

Optional fields { E F }
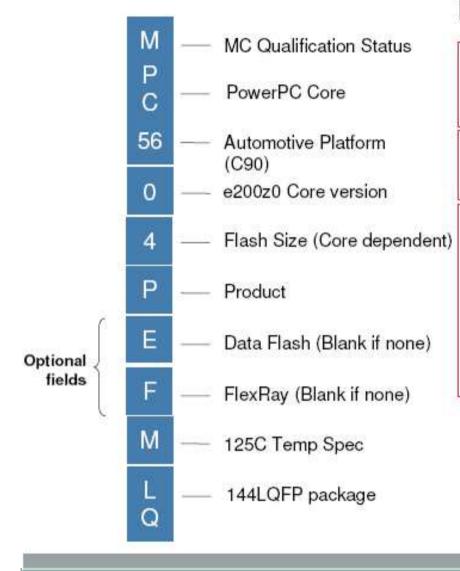
Qual Status
- M: MC Status
- S: Auto Qualified
- P: PC Status

Auto Platform
- 56: PPC in 90nm
- 57: PPC in 65nm

Core Version
- 0: e200z0
- 1: e200z1
- 2: Reserved
- 3: e200z3
- 4: e200z4
- 5: Reserved
- 6: e200z6
- 7: e200z7
- 8: Reserved
- 9: Reserved

Flash Size (Z0, Z1 based MCU's)
- 0...Reserved
- 1....128 or 192kByte
- 2....256kByte
- 3...320 or 384kByte
- 4...512kbyte
- 5...768kByte
- 6...1024kByte
- 7...1.5MByte
- 8...2MByte
- 9...3MByte

Flash Size (Z3, Z4, Z6 based MCU's)
- 0...Reserved
- 1....512kByte
- 2....768kByte
- 3...1024kByte
- 4...1.5MByte
- 5...2MByte
- 6...3MByte
- 7...4MByte
- 8...6MByte
- 9...8MByte

Prod/fam Name
- M: Monaco
- A: Andorra
- R: San Marino
- T: Taipan
- R: Tiger
- E: Copper
- V: Viper
- W: Cobra (dual core)
- B: Bolero standard
- C: Bolero gateway
- S: Spectrum
- P: Pictus steering
- Y: Tokay
- L: Leopard
- K: Komodo
- N: Lance
- .....

Temp Spec
- C: 85C
- V: 105C
- M: 125C

Package Code
- LL: 100LQFP
- LQ: 144LQFP
- LU176LQFP
- MG: 208MAPBGA
- VZ: 324PBGA
- MW: 496 CSP

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