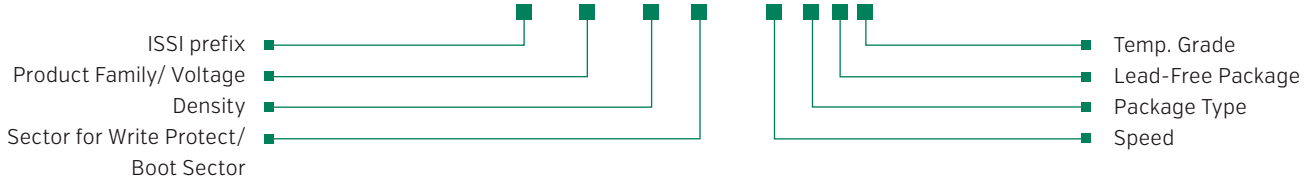




Parallel NOR Flash (ISA) Part Decoder

IS 29 GL 128 H - 70 S L I

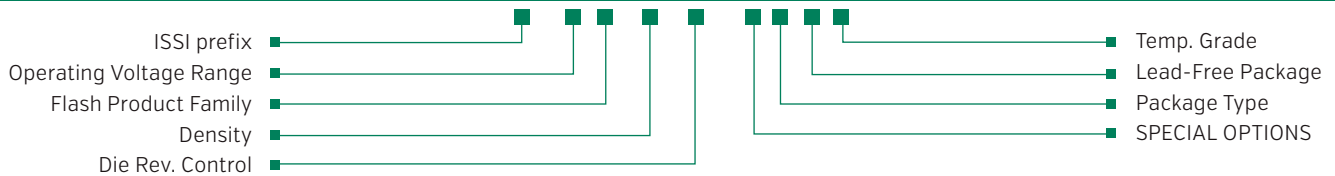


- Flash Product Family/ Voltage Range**
 29GL = 3V Page Mode
 29/39LV = 3V Industry Standard
- Density**
 512 = 512Kb
 010 = 1Mb
 040 = 4Mb
 032 = 32Mb
 064 = 64Mb
 128 = 128Mb
 256 = 256Mb
 512M = 512Mb
 01G = 1Gb
 02G=2Gb
 04G=4Gb
 08G=8Gb
- Sector for Write Protect/ Boot Sector**
 T = Top boot Sector
 B = Bottom boot Sector
 H = Highest address sector protected
 L = Lowest address sector protected
 Blank = Industry Standard Parallel CFI
- Speed**
 70 = 70ns
 90 = 90ns
- Lead-free Package**
 E/L = Lead-Free (Pb Free)
- Package Type**
 JC = 32 pin PLCC
 VC = 32 pin VSOP [8x14mm]
 T = 48-pin TSOP
 B = 48-Ball BGA
 0.80mm pitch,
 6x8mm [Call Factory]
 D = 56-Ball BGA
 7x9mm
 S = 56-pin TSOP
 F = 64-Ball BGA
 9x9mm
 G = 64-Ball BGA
 1.0mm pitch,
 11x13 mm [Call Factory]
 For KGD Solutions [Call Factory]
- Temperature Grade**
 I = Industrial grade
 [-40°C to +85°C]
 A1 = Automotive grade
 [-40°C to +85°C]
 call factory
 Blank = Refer to datasheet

Notes: Call Factory for KGD and WLCSP.
Please refer to the datasheet for product specifications and ordering information.

Serial NOR Flash (SPI) Part Decoder

IS 25 L Q 020 B - J N L E



- Operating Voltage Range**
 L = 2.3-3.6V
 W = 1.65-1.95V
- Flash Product Family**
 Q = Single/Dual/Quad SPI
 P = Single/Dual/Quad/QPI SPI
 DTR Options Available
- Die Rev. Control**
 Blank = First Rev.
- Density**
 025 = 256Kb
 512 = 512Kb
 010 = 1Mb
 020 = 2Mb
 040 = 4Mb
 080 = 8Mb
 016 = 16Mb
 032 = 32Mb
 064 = 64Mb
 128 = 128Mb
 256 = 256Mb
 512M = 512Mb
 01G = 1Gb
- Package Type**
 M = 16 pin SOIC 300mil
 B = 8 pin SOIC 208mil
 N = 8 pin SOIC 150mil
 D = 8 pin TSSOP
 K = 8 pin WSON [6x5 mm]
 L = 8 pin WSON [8x6 mm]
 U = 8 pin USON [2x3mm]
 T = 8 pin USON [4x3mm]
 F = 8 pin VSOP 208mil
 V = 8 pin VVSOP 150mil
 H = 24 ball [BGA 6x8 mm]
- Lead-free Package**
 L = Lead-Free (Pb Free) and Halogen Free
- Temperature Grade**
 E = Extended grade [-40°C to +105°C]
 E1 = Extended Plus [-40°C to +125°C]
 A1 = Automotive grade [-40°C to +85°C]
 A2 = Automotive grade [-40°C to +105°C]
 A3 = Automotive grade [-40°C to +125°C]
- SPECIAL OPTIONS**
 J = Standard
 Q = QE bit set to 1

Notes: Call Factory for KGD and WLCSP.
Please refer to the datasheet for product specifications and ordering information.