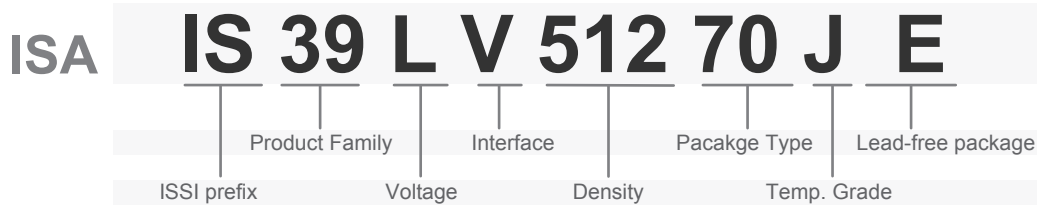
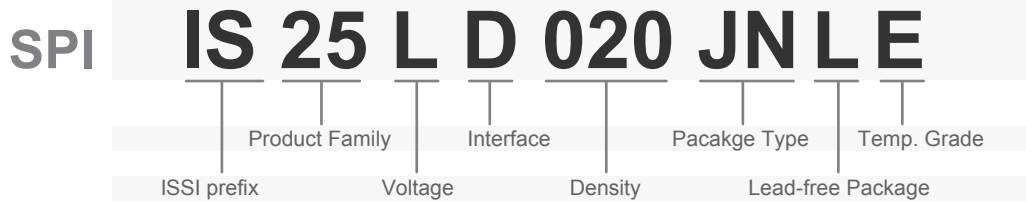




INTEGRATED SILICON SOLUTION, INC.



**Flash Product Family**

25 = SPI  
29/39 = ISA

**SPI Operating Voltage Range**

L = 2.30V-3.60V  
W = 1.65V-1.95V  
C = 2.70-3.60V

**ISA Operating Voltage Range**

G/L = 2.70-3.60V

**Package Type**

JN = 8 pin SOIC 150mil  
JB = 8 pin SOIC 208mil  
JM = 16 pin SOIC 300mil  
JD = 8 pin TSSOP  
JE = 48 pin TSSOP  
JT = 56 pin TSSOP  
JK = 8 pin WSON (5x6 mm)  
JL = 8 pin WSON (6x8mm)  
JU = 8 pin USON (2x3mm)  
JF = 8 pin VSOP 208mil  
JV = 8 pin VVSOP 150mil  
JG = 24 ball (BGA 6x8mm) (Call Factory)  
JH = 48 ball (BGA 6x8mm) (Call Factory)  
JI = 64 ball (BGA 11x13mm) (Call Factory)  
JS = WLCSP (Call Factory)  
JW = KGD (Call Factory)

**SPI Interface**

D = x2 output  
Q = x4 output

**ISA Interface**

V = ISA x8  
L = ISA x8/x16

**Density**

025 = 256Kb  
512 = 512Kb  
010 = 1Mb  
020 = 2Mb  
040 = 4Mb  
080 = 8Mb  
016 = 16Mb  
032 = 32Mb  
064 = 64Mb  
128 = 128Mb  
256 = 256Mb

**Lead-Free Package**

E/L = Lead-Free

**Temperature Grade**

E = Extended grade (40°C to +105°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)