# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

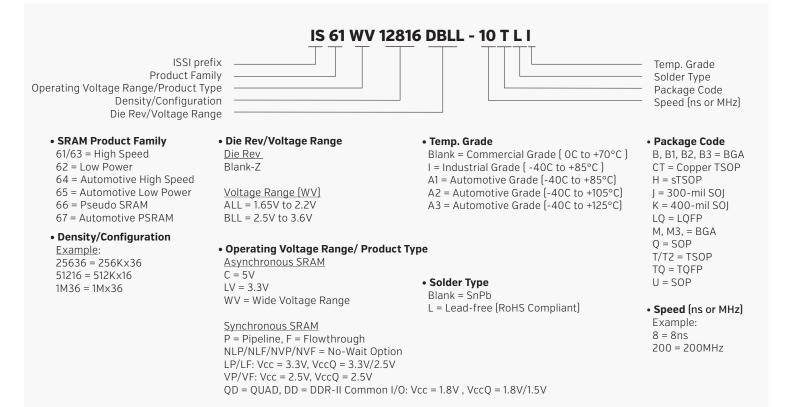
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### SRAM Part Decoder

#### **SRAM Part Decoder**



#### QUAD/P, DDR-II/P Part Decoder

IS 61 QDP 2 B4 4M18 A1 - 333 M3 L I Temp, Grade ISSI prefix **RoHS Version** Package Code Product Type Speed (MHz) Read Latency Burst Type Configuration **ODT** Option • Product Type • Read Latency (RL): • ODT Option (if supported): Speed QD = QUADFor QUAD/DDR-II devices: A: No ODT Example: 250 = 250MHz QDP = QUADPBlank = 1.5 clock cycles A1: ODT Option 1 Package Code DD = DDR-II. Common I/O For QUADP/DDR-IIP devices: If ODT = HIGH or floating, a high range DDP = DDR-IIP, Common I/O Blank = 2.5 clock cyclestermination resistance is selected. If ODT = LOW, a low range 2 = 2.0 clock cycles Configuration termination resistance is selected. 51236 = 512Kb x 36 • Burst Type: RoHS Version A2: ODT Option 2

 $1M18 = 1Mb \times 18$  $1M36 = 1Mb \times 36$  $2M18 = 2Mb \times 18$ 2M36 = 2Mb x 36  $4M18 = 4Mb \times 18$ 

B2 = Burst 2B4 = Burst 4

If ODT = HIGH, a high range termination resistance is selected. If ODT = LOW or floating, ODT is disabled

- $B4 = 165 \text{ ball } BGA (13 \times 15 \text{ mm})$ M3 = 165-ball BGA (15 x 17 mm)
- Blank = Leaded L = Lead-free
- Temperature Range Blank = Commercial (OC to 70°C)  $I = Industrial (-40C to 85^{\circ}C)$



## **RLDRAM Part Decoder**

#### IS49NL C 36800 - 25E B L I

