



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

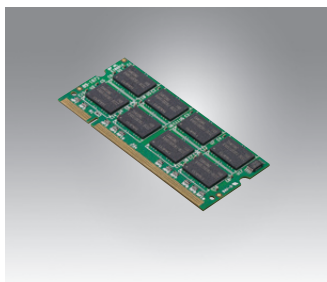
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Industrial Grade

SQR-SD11



RoHS COMPLIANT
CE FCC

Features

- Operating Temperature: -40° C to +85° C
- Gold plating on PCB gold finger is 30 u"
- JEDEC standard 2.6 V ± 0.1 V Power supply
- Max clock Freq: 200 MHZ; 400 Mb/s/Pin
- Serial presence detected with 2048-bit EEPROM

Specifications

Category	DDR1
Clock Speed	400 Mbps
Power Supply	SSTL_2
Voltage	2.6 V ± 0.1 V
Chip Package	FBGA
Pin/DIMM	200pin SO-DIMM
Gold plating on PCB gold finger	30u"
Operation Temp	-40° C to +85° C
Dimension (mm)	67.6 x 31.75

Ordering Information

Part No.	Product Description
SQR-SD11-512M400SN	SQRAM 512MB SO-DDR-400 I-GRD SAM
SQR-SD11-1G400SN	SQRAM 1GB SO-DDR-400 I-GRD SAM

SQR-SD21



RoHS COMPLIANT
CE FCC

Features

- Operating Temperature: -40° C to +85° C
- Gold plating on PCB gold finger is 30 u"
- JEDEC standard 1.8 V ± 0.1 V Power supply
- Max clock Freq: 333 MHZ; 667 Mb/s/Pin
- Serial presence detected with 2048-bit EEPROM

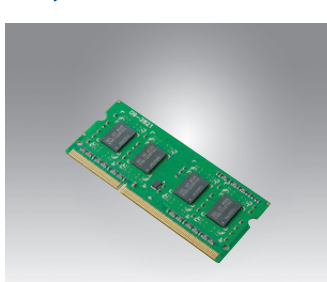
Specifications

Category	DDR2
Clock Speed	667 Mbps
Power Supply	SSTL_18
Voltage	1.8 V ± 0.1 V
Chip Package	FBGA
Pins/DIMM	200-pin SODIMM
Gold plating on PCB gold finger	30 u"
Operating Temperature	-40° C to +85° C
Dimensions (mm)	67.6±0.15 x 30

Ordering Information

Part No.	Product Description
SQR-SD21-1G667SN	SQRAM 1G SO-DDR2-667 128 x 8 I-GRD SAM
SQR-SD21-2G667SN	SQRAM 2G SO-DDR2-667 128 x 8 I-GRD SAM

SQR-SD31



RoHS COMPLIANT
CE FCC

Features

- Operating Temperature: -40° C to +85° C
- Gold plating on PCB gold finger is 30 u"
- JEDEC standard 1.5 V ± 0.075 V Power supply
- Max clock Freq: 667 MHZ for 1333 Mb/s/ Pin
- 800 MHZ for 1600 Mb/s/Pin
- Serial presence detected with 2048-bit EEPROM

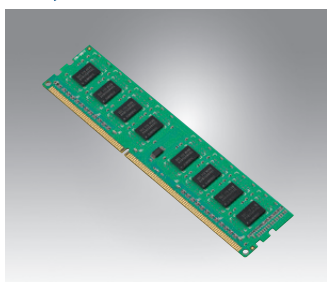
Specifications

Category	DDR3
Clock Speed	1333/1600 Mbps
Power Supply	SSTL_15
Voltage	1.5 V ± 0.075 V
Chip Package	FBGA
Pins/DIMM	204-pin SODIMM
Gold plating on PCB gold finger	30 u"
Operating Temperature	-40° C to +85° C
Dimensions (mm)	67.6±0.15 x 30

Ordering Information

Part No.	Product Description
SQR-SD31-1G1333SN	SQRAM 1G SO-DDR3-1333 I-GRD SAM
SQR-SD31-2G1333SN	SQRAM 2G SO-DDR3-1333 I-GRD SAM
SQR-SD31-4G1333SN	SQRAM 4G SO-DDR3-1333 I-GRD SAM
SQR-SD31-8G1600SN	SQRAM 8G SO-DDR3-1600 I-GRD SAM

SQR-UD31



RoHS COMPLIANT
CE FCC

Features

- Operating Temperature: -40° C to +85° C
- Gold plating on PCB gold finger is 30 u"
- JEDEC standard 1.5 V ± 0.075 V Power supply
- Max clock Freq: 667 MHZ; 1333 Mb/s/Pin
- Serial presence detected with 2048-bit EEPROM

Specifications

Category	DDR3
Clock Speed	1333 Mbps
Power Supply	SSTL_15
Voltage	1.5 V ± 0.075 V
Chip Package	FBGA
Pin/DIMM	240pin SO-DIMM
Gold plating on PCB gold finger	30u"
Operation Temp	-40° C to +85° C
Dimension (mm)	133.35 x 30

Ordering Information

Part No.	Product Description
SQR-UD31-1G1333SNG	SQRAM 1G 240P DDR3-1333 I-GRD SAM
SQR-UD31-2G1333SNC	SQRAM 2G 240P DDR3-1333 I-GRD SAM
SQR-UD31-4G1333SNC	SQRAM 4G 240P DDR3-1333 I-GRD SAM