

CIR-S3SUHK1008G

DDR3 SO-DIMM 1066MHz 8GB

Description

The CIR-S3SUHK1008G is 1024M words X 64 bits, 2 ranks. Unbuffered Small Outline Dual In-Line Memory Module (SO-DIMM). DDR3 SDRAMs in Fine Ball Grid Array (FBGA) packages on a 204pin glass-epoxy substrate. Provide a high performance 8 byte interface in 67.60mm width form factor of industry standard. It is suitable for easy interchange and addition.

Specifications

Density	8GB
Pin Count	204pin
Type	Unbuffered
Dimensions	67.6mm x 30.0mm
ECC	Non-ECC
Component Config	512M x 8 bit
Data Rate	1066 Mbps
CAS Latency	7
Voltage:	1.5V / 1.35V
PCB Layers	8
Operating Temp.(TCASE)	0°C~+85°C
Module Ranks	Dual Rank

Features

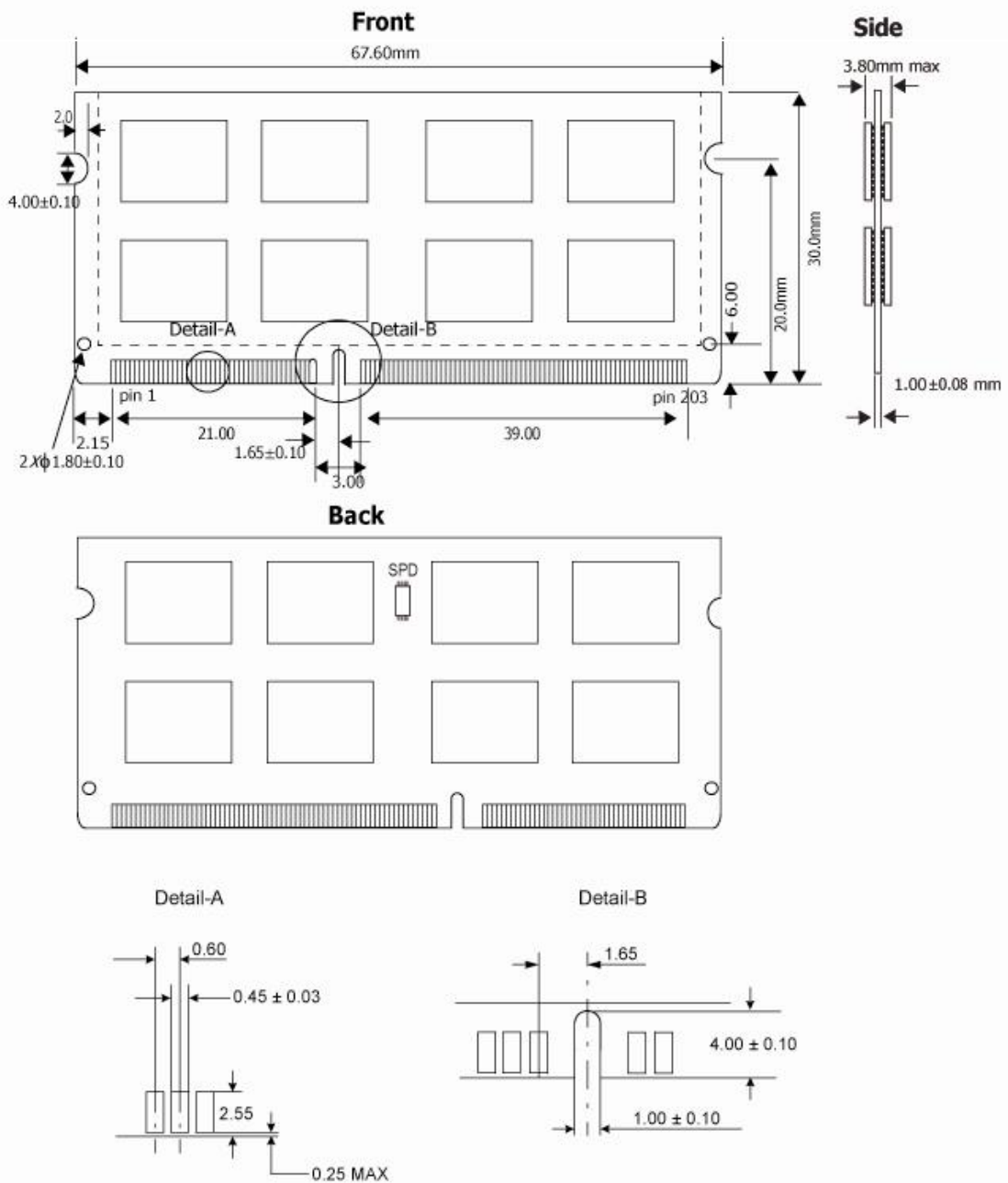
- Data rate:1066Mbps
- 204pin,Small outline dual in-line memory module(SO-DIMM)
- Power supply: VDD= 1.5V (1.425V to 1.575V) & VDD= 1.35V (1.283V to 1.45V)
- Interface: SSTL_15
- CAS (READ) latency (CL): 6, 7, 8
- POSTED CAS additive latency (AL)
- Fully differential clock inputs (CK, /CK) operation
- Differential Data Strobe (DQS, /DQS)
- DM masks write data-in at the both rising and falling edges of the data strobe
- BL switch on the fly
- 8banks
- 8K refresh cycles /64ms
- Dynamic On Die Termination supported
- Asynchronous RESET pin supported
- ZQ calibration supported
- TDQS (Termination Data Strobe) supported (x8 only)
- Write Levelization supported
- Refresh: Auto-Refresh, Self-Refresh
- 8 bit pre-fetch
- Lead-Free Products are RoHS compliant
- Average Refresh Cycle (Tcase of 0°C ~ 95°C)
 - 7.8 μs at 0°C ~ 85°C
 - 3.9 μs at 85°C ~ 95°C

Speed Grade

Frequency Grade	Data Transfer Rate	CAS Latency Support			CL-tRCD-tRP
		CL6	CL7	CL8	
DDR3-1066	PC3-8500	800	1066	1066	7-7-7

Package Dimensions

Unit: mm



Tolerances : ± 0.15mm unless otherwise specified