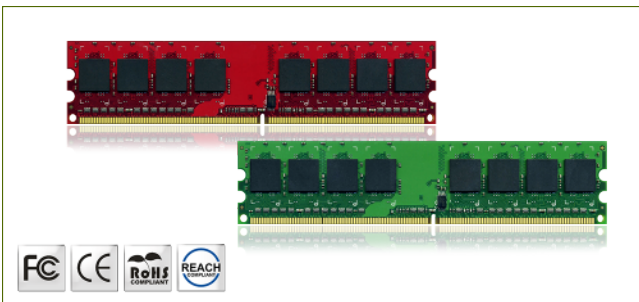


Features

- Intend for 800 MHz applications
- Inputs and Outputs are SSTL-18 compatible
- VDD=VDDQ= 1.8 Volt ± 0.1
- All inputs are sampled at the positive going edge of the system clock
- Bi-Directional data strobe with one clock cycle preamble
- Bi-Directional data strobe with one-half clock post-amble
- Auto Refresh (CBR) and Self Refresh Modes support
- Serial Presence Detect with EEPROM
- 30u" gold fingers
- Address and control signals are fully synchronous to positive clock edge
- Low-profile NON-ECC optional

Specification

DDRII SO-DIMM Standard grade		DDRII SO-DIMM Industrial grade	
■ Interface	JEDEC Standard 200-pin Dual In-Line Memory Module	■ Interface	JEDEC Standard 200-pin Dual In-Line Memory Module
■ IC Data Rate	DDRII-800	■ IC Data Rate	DDRII-800
■ Bandwidth	64 bits	■ Bandwidth	64 bits
■ DIMM Data Rate	800MHz / 667MHz / 533MHz / 400MHz	■ DIMM Data Rate	800MHz / 667MHz / 533MHz / 400MHz
■ Capacity	512MB / 1GB / 2GB / 4GB	■ Capacity	512MB / 1GB / 2GB / 4GB
■ Pin Number	200 Pins	■ Pin Number	200 Pins
■ Height	30 mm + 0.15 mm	■ Height	30 mm + 0.15 mm
■ Voltage	1.8V ± 0.1V	■ Voltage	1.8V ± 0.1V
■ Warranty	5 years	■ Warranty	5 years



Features

- Intend for 800 MHz applications
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Specification

DDRII U-DIMM Standard grade		DDRII U-DIMM Industrial grade	
■ Interface	JEDEC Standard 240-pin Dual In-Line Memory Module	■ Interface	JEDEC Standard 240-pin Dual In-Line Memory Module
■ IC Data Rate	DDRII-800	■ IC Data Rate	DDRII-800
■ Bandwidth	64 bits	■ Bandwidth	64 bits
■ DIMM Data Rate	800MHz / 667MHz / 533MHz / 400MHz	■ DIMM Data Rate	800MHz / 667MHz / 533MHz / 400MHz
■ Capacity	512MB / 1GB / 2GB / 4GB	■ Capacity	512MB / 1GB / 2GB / 4GB
■ Pin Number	240 Pins	■ Pin Number	240 Pins
■ Height	30 mm + 0.15 mm	■ Height	30 mm + 0.15 mm
■ Voltage	1.8V ± 0.1V	■ Voltage	1.8V ± 0.1V
■ Warranty	5 years	■ Warranty	5 years

SLC
 oSLC
 MLC
 3D-NAND
 DRAM Module
 Adapter
 Card-drive