

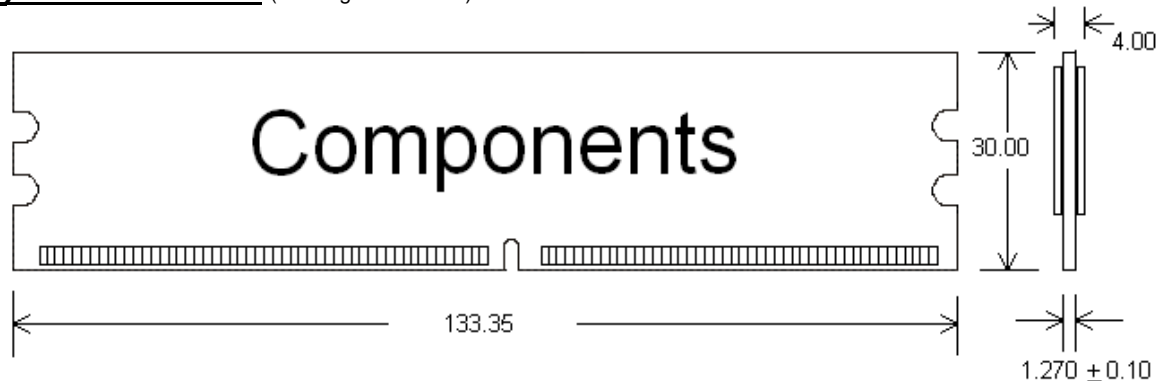
ACT8GHR72P8J1600S
8GB DDR3-1600 Registered ECC DIMM

Description

ACTICA ACT8GHR72P8J1600S is a high speed 8GB DDR3-1600 Registered ECC DIMM. It is designed for mission critical application memory solution. The modules is constructed using Samsung (512Mx8) SDRAMs, and is fully compliant with JEDEC specifications. Decoupling capacitors are mounted on the PCB board for better signal integrity. The DIMM feature serial presence detect (SPD) based on a serial EEPROM device using the 2-pin I2C protocol.

Features	Value
ACTICA memory P/N	ACT8GHR72P8J1600S
CL-tRCD-tRP	11-11-11
RoHS compliant	Yes
Height	1.18"
Supply Voltage	1.35V (+0.1V, -0.07V)
JEDEC standard	Yes
Operating Temperature*	0 - 85 °C
Timing Parameter:	
tCK (Clock Cycle Time)	1.25ns
tRCD (Ras and Cas Delay)	13.75ns
tRP (Row Precharge Time)	13.75ns
tRAS (Row Active Time)	35ns
tIH (Input Hold Time)	130ps
tIS (Input Setup Time)	60ps
Operating Current:	
IDD0 (Operating one bank active-precharge current)	1,315 mA
IDD1 (Operating one bank active-read-precharge current)	1,395 mA
IDD2P (Precharge power-down current)	900 mA
IDD3N (Active standby current)	1,220 mA
IDD6 (Self refresh current)	300 mA

Physical Dimension (drawing not in scale) Units : in Millimeters



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