

# S3L4N2619161

16GB DIMM DDR4 2666MHz CL19



*S3+® memories pass rigorous screening and environmental testing processes. Our modules offer excellent compatibility and absolutely tested reliability, ideal for updating your PC at an attractive price.*

## Description

This document describes S3+ is a 2G x 64-bit (16GB) DDR4-2666 CL19 SDRAM (Synchronous DRAM), 2Rx8, memory module, based on sixteen 1G x 8-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR4-2666 timing of 19-19-19 at 1.2V. Each 288-pin DIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

## Features

- Power Supply: VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 36V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self refresh (LPASR)
- Single-rank
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free



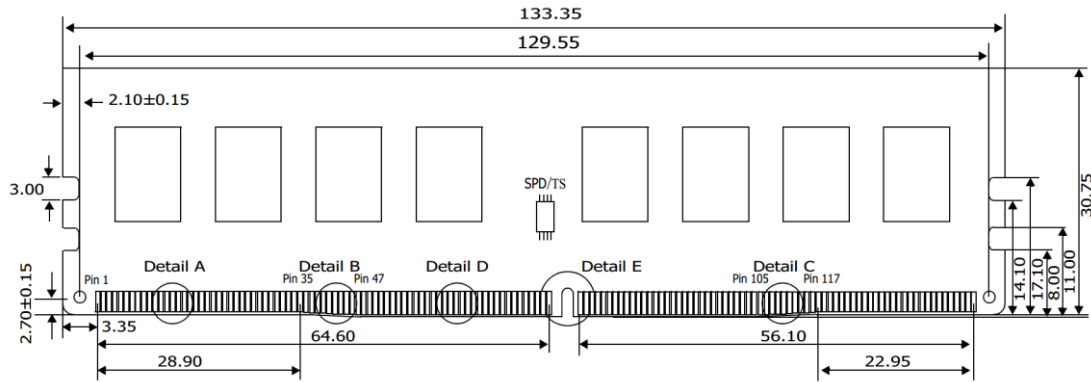
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## Module Dimension



## Specifications

CL (IDD)	19 cycles
Row Cycle Time (tRCmin)	45.75ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns(min.)
Row Active Time (tRASmin)	32ns(min.)
Maximum Operating Power	TBD W*
UL Rating	94 V – 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

\*Power will vary depending on the SDRAM used.



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