

## **S3L4N3016322CRGB**

### **32GB (2X16GB kit) S3+ DIMM DDR4 3000MHz RGB DRAGONHEART**

*S3+<sup>®</sup> 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**

DDR4 3000MHz 32GB is a kit of two 1Gx64-bit DDR4-3000 CL16 SDRAM 2Rx8, memory module, based on sixteen 1Gx8-bit 16chips FBGA components per module. Each module kit supports Intel<sup>®</sup> Extreme Memory Profiles (Intel<sup>®</sup> XMP) 2.0.

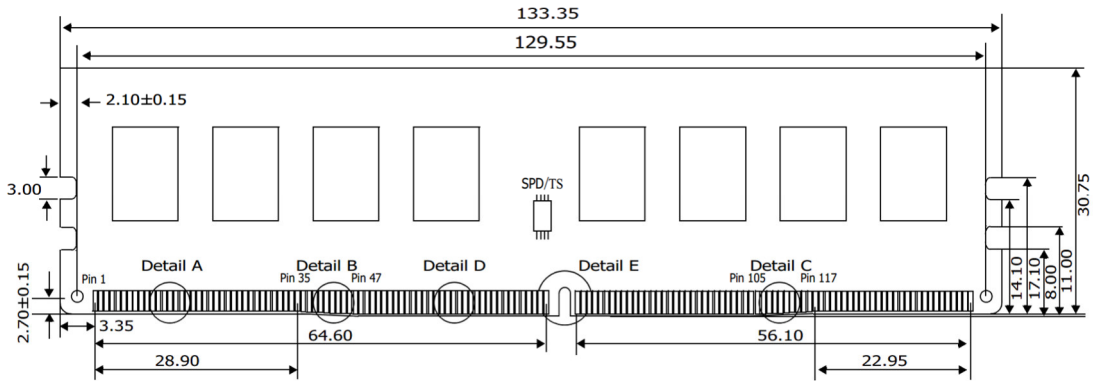
Total capacity is 32GB. Each module has been tested to run at DDR4-3000 at a low latency timing of 16-18-18 at 1.35V. The SPDs are programmed to JEDEC standard latency DDR4-2400 timing of 17-17-17 at 1.2V. Each 288-pin DIMM uses gold contact fingers.

#### **Features**

- Power Supply: VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.4V to 3.3V
- On-Die termination (ODT)
- Bi-Directional Differential Data Strobe
- 8-bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Factory preset RGB wave lightning effect
- Height 1.693" (43,10mm)
- Selectable PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free



## Module Dimension



### Specifications

CL (IDD)	17 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 +70° C
Storage Temperature	-40°C to +85°C

\*Power will vary depending on the SDRAM used