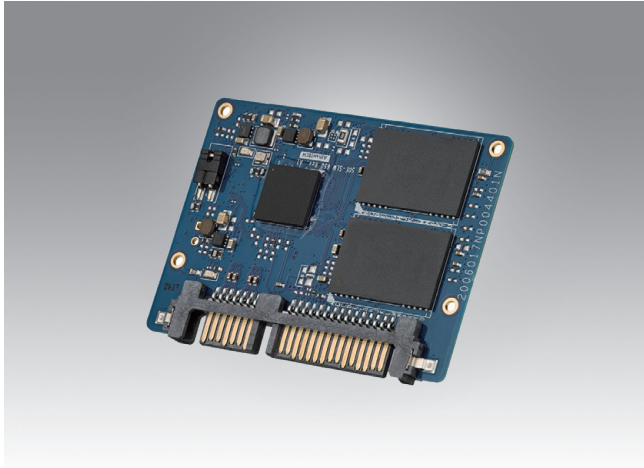


SQF-SLM 650

SATA III (6.0Gb) Half Slim SSD



Features

- SATA 3.2 Compliant
- AES-256 Support & TCG-OPAL Compliant
- Support HW Write Protection
- Supports LDPC & RAID ECC
- GUI management tool & software API package
- Multiple Temperature Range Product Selection
- High Endurance sTLC Product Selection



Specifications

| | |
|-------------------------------|--|
| Connect Type | Standard 7+15-pin SATA connector |
| Flash type | 3D TLC |
| Capacity | 64GB ~ 1TB |
| Transfer Mode | SATA III (Up to 6Gb/s) |
| Max. Power Consumption | Read: 1.35 W, Write: 1.75 W |
| Sustained R/W Performance (*) | up to 550/ 520 MB/sec |
| Operating Temperature | Commercial Temperature: 0 to +70 °C Minus Temperature: -20 to +85 °C Extended Temperature: -40 to +85 °C |
| Shock Resistance | 1,500 G, peak / 0.5 ms |
| Vibration Resistance | 20 G, peak / 80 ~ 2000 Hz |
| Dimensions (mm) | 54.0 x 39.0 x 4.0 |

(*) These values are for reference only; they may change according to the flash memory used.

Ordering Information

| PN | Description |
|--------------------|--|
| SQF-SLMV1-64GSDC | SQF SATA Slim 650-D 64G 3D TLC (BiCS5) (0-70°C) |
| SQF-SLMV2-128GSDC | SQF SATA Slim 650-D 128G 3D TLC (BiCS5) (0-70°C) |
| SQF-SLMV2-256GSDC | SQF SATA Slim 650-D 256G 3D TLC (BiCS5) (0-70°C) |
| SQF-SLMV2-512GSDC | SQF SATA Slim 650-D 512G 3D TLC (BiCS5) (0-70°C) |
| SQF-SLMV4-1TDSDC | SQF SATA Slim 650-D 1T 3D TLC (BiCS5) (0-70°C) |
| SQF-SLMV1-64GSDM | SQF SATA Slim 650-D 64G 3D TLC (BiCS5) (-20-85°C) |
| SQF-SLMV2-128GSDM | SQF SATA Slim 650-D 128G 3D TLC (BiCS5) (-20-85°C) |
| SQF-SLMV2-256GSDM | SQF SATA Slim 650-D 256G 3D TLC (BiCS5) (-20-85°C) |
| SQF-SLMV2-512GSDM | SQF SATA Slim 650-D 512G 3D TLC (BiCS5) (-20-85°C) |
| SQF-SLMV4-1TDSM | SQF SATA Slim 650-D 1T 3D TLC (BiCS5) (-20-85°C) |
| SQF-SLMV1-64GDSDE | SQF SATA Slim 650-D 64G 3D TLC (BiCS5) (-40-85°C) |
| SQF-SLMV2-128GDSDE | SQF SATA Slim 650-D 128G 3D TLC (BiCS5) (-40-85°C) |
| SQF-SLMV2-256GDSDE | SQF SATA Slim 650-D 256G 3D TLC (BiCS5) (-40-85°C) |
| SQF-SLMV2-512GDSDE | SQF SATA Slim 650-D 512G 3D TLC (BiCS5) (-40-85°C) |
| SQF-SLMV4-1TDSDE | SQF SATA Slim 650-D 1T 3D TLC (BiCS5) (-40-85°C) |