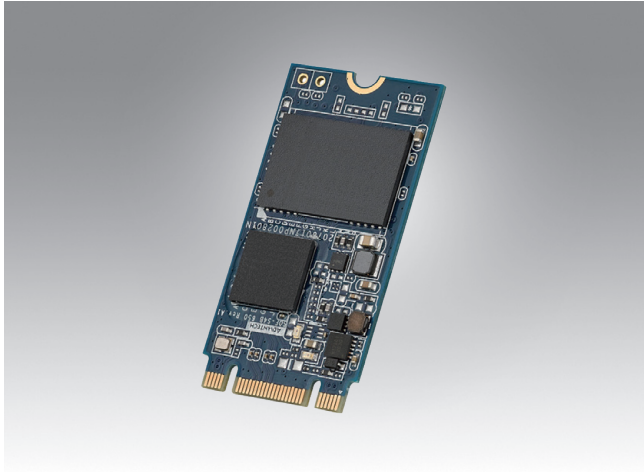


SQF-S4B 650

SATA III (6.0Gb) M.2 2242 SSD



Features

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



Specifications

| | |
|-------------------------------|--|
| Connect Type | NGFF B&M Key |
| 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) | 42.0 x 22.0 x 3.8 |

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

Ordering Information

| PN | Description |
|---------------------|---|
| SQF-S4BV1-64GSDSDC | SQF M.2 2242 650-D 64G 3D TLC (BiCS5) (0~70°C) |
| SQF-S4BV1-128GSDSDC | SQF M.2 2242 650-D 128G 3D TLC (BiCS5) (0~70°C) |
| SQF-S4BV1-256GSDSDC | SQF M.2 2242 650-D 256G 3D TLC (BiCS5) (0~70°C) |
| SQF-S4BV2-512GSDSDC | SQF M.2 2242 650-D 512G 3D TLC (BiCS5) (0~70°C) |
| SQF-S4BV2-1TDSDC | SQF M.2 2242 650-D 1T 3D TLC (BiCS5) (0~70°C) |
| SQF-S4BV1-64GSDSDM | SQF M.2 2242 650-D 64G 3D TLC (BiCS5) (-20~85°C) |
| SQF-S4BV1-128GSDSDM | SQF M.2 2242 650-D 128G 3D TLC (BiCS5) (-20~85°C) |
| SQF-S4BV1-256GSDSDM | SQF M.2 2242 650-D 256G 3D TLC (BiCS5) (-20~85°C) |
| SQF-S4BV2-512GSDSDM | SQF M.2 2242 650-D 512G 3D TLC (BiCS5) (-20~85°C) |
| SQF-S4BV2-1TDSMD | SQF M.2 2242 650-D 1T 3D TLC (BiCS5) (-20~85°C) |
| SQF-S4BV1-64GSDSDE | SQF M.2 2242 650-D 64G 3D TLC (BiCS5) (-40~85°C) |
| SQF-S4BV1-128GSDSDE | SQF M.2 2242 650-D 128G 3D TLC (BiCS5) (-40~85°C) |
| SQF-S4BV1-256GSDSDE | SQF M.2 2242 650-D 256G 3D TLC (BiCS5) (-40~85°C) |
| SQF-S4BV2-512GSDSDE | SQF M.2 2242 650-D 512G 3D TLC (BiCS5) (-40~85°C) |
| SQF-S4BV2-1TDSDE | SQF M.2 2242 650-D 1T 3D TLC (BiCS5) (-40~85°C) |