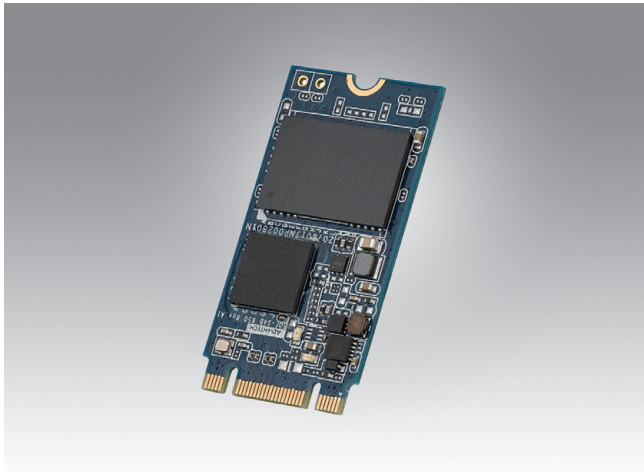


SQF-S4B 650

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-S4BV2-1TDSMDM	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)