

SQF-S10 650

SATA III (6.0Gb) CFast Card



Features

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



Specifications

Connect Type	CFast Type-I
Flash type	3D TLC
Capacity	64GB ~ 512GB
Transfer Mode	SATA III (Up to 6Gb/s)
Max. Power Consumption	Read: 1.25 W, Write: 1.55 W
Sustained R/W Performance (*)	up to 550/ 510 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)	42.8 x 36.4 x 3.3

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

Ordering Information

PN	Description
SQF-S10V1-64GSDC	SQF CFast 650-D 64G 3D TLC (BiCS5) (0~70°C)
SQF-S10V2-128GSDC	SQF CFast 650-D 128G 3D TLC (BiCS5) (0~70°C)
SQF-S10V2-256GSDC	SQF CFast 650-D 256G 3D TLC (BiCS5) (0~70°C)
SQF-S10V2-512GSDC	SQF CFast 650-D 512G 3D TLC (BiCS5) (0~70°C)
SQF-S10V1-64GSDM	SQF CFast 650-D 64G 3D TLC (BiCS5) (-20~85°C)
SQF-S10V2-128GSDM	SQF CFast 650-D 128G 3D TLC (BiCS5) (-20~85°C)
SQF-S10V2-256GSDM	SQF CFast 650-D 256G 3D TLC (BiCS5) (-20~85°C)
SQF-S10V2-512GSDM	SQF CFast 650-D 512G 3D TLC (BiCS5) (-20~85°C)
SQF-S10V1-64GDSDE	SQF CFast 650-D 64G 3D TLC (BiCS5) (-40~85°C)
SQF-S10V2-128GDSDE	SQF CFast 650-D 128G 3D TLC (BiCS5) (-40~85°C)
SQF-S10V2-256GDSDE	SQF CFast 650-D 256G 3D TLC (BiCS5) (-40~85°C)
SQF-S10V2-512GDSDE	SQF CFast 650-D 512G 3D TLC (BiCS5) (-40~85°C)