

Compliant with SD Memory Card Specification 3.0 and backwards-compatible with 2.0, 1.1, and 1.01

 silicon-power.com/web/gb/product-SDT5R0



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SDT5R0
pSLC (3D TLC)

Specifications

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- Flash Technology
- 3D TLC
- Capacity
- 32GB ~ 256GB

- Interface
- SD 3.0 / UHS-I

- Storage Temperature
- -40°C ~ 85°C

- Seq. Performance Read (max.)
- 93 MB/s

- Seq. Performance Write (max.)
- 80 MB/s

- Power Requirement
- DC 3.3V

- Power Consumption(max.)
- 100 mA

- Power Consumption (idle)
- 300 uA

- Dimension (mm)
- 15.0 x 11.0 x 1.0

- MTBF (est)
- ≒2,000,000 hrs

- Operating Temp. (Standard)
- SP***GISDT3R5NEo

- Vibration
- 15G, 10 ~ 2000Hz

- Drop
- 150cm

- Shock
- 1,500G@0.5ms

- Torque
- 0.15Nm

- Bending
- 10N

- Duration (cycles)
- 10000

- S.M.A.R.T.

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- SP SMART Utility
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- Warranty
- 3 years and within guranteed TBW

Features

- Compliant with SD Memory Card Specification 3.0 and backwards-compatible with 2.0, 1.1, and 1.01
- High endurance suitable for 24/7 continuous video recording
- Steady performance design to ensure all frames are recorded
- Supports SP Toolbox SMART Health Monitoring System software (optional)

SDT5R0 pSLC (3D TLC)

Form Factor	NAND	Capacity	Temp.	P/N
microSD	pSLC (3D TLC)	8GB	-25°C ~ 85°C	SP008GISDT5R5NE0
micoSD	pSLC (3D TLC)	16GB	-25°C ~ 85°C	SP016GISDT5R5NE0
microSD	pSLC (3D TLC)	32GB	-25°C ~ 85°C	SP032GISDT5R5NE0
micoSD	pSLC (3D TLC)	64GB	-25°C ~ 85°C	SP064GISDT5R5NE0