

SD Card (FxBasic Series)



Overview

FLEXON FxBasic Series SD supports wide range of capacity, Good Read/ Write Performance and Low Power Consumption. It is a good storage solution for portable devices.

Product Features

- ❖ Advanced Flash Management: Static and Dynamic Wear Leveling; Bad Block Management
- ❖ Support SD 3.0
- ❖ Support SD SPI Mode
- ❖ Designed for read-only and read/ write cards
- ❖ Copyrights Protection Mechanism
- ❖ CPRM (Content Protection for Recordable Media) of SD Card supported
- ❖ Card removal during read operation will never harm the content
- ❖ Password Protection of cards (option)
- ❖ Write Protect Feature using Mechanical Switch
- ❖ Built-in Write Protection Features (Permanent and Temporary)
- ❖ +4KV/-4KV ESD protection in contact pads
- ❖ RoHS Compliant



Specification

Interface	SD 3.0, 9-pin
Form Factor	SD Flash Card
Capacity	1GB~128GB
Max. Performance	Read: 80MB/s, Write: 40MB/s
Operating Voltage	2.7 ~ 3.6V
Operating Temp.	0°C ~ 70°C
Storage Temp.	-25°C ~ +85°C
Humidity	0% ~ 95%
Shock	1500G/0.5ms
Vibration	80~2000Hz/20G
Dimensions	32mm (L) x 24mm (W) x 2.1mm (H)
MTBF(hours)	2,000,000hrs

Ordering Information

Capacity	Part Number
1GB	FDMS001G-C48
2GB	FDMS002G-C48
4GB	FDMS004G-CA0
8GB	FDMS008G-CA0
16GB	FDMS016G-CA0
32GB	FDMS032G-CA0
64GB	FDMS064G-CA0
128GB	FDMS128G-CA0