microSD Card (FxPro Series)

Overview

FLEXXON FxPro Series microSD is a perfect storage solution with superior Read/ Write speeds. It could support SLC and Pseudo SLC.

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

Ordering Information

Flash	Capacity	Part Number
pSLC	2GB	FDMM002G-CAB
	4GB	FDMM004G-CAB
	8GB	FDMM008G-CAB
	16GB	FDMM016G-CAB
	32GB	FDMM032G-CAB
SLC	64MB	FDMM064M-C0C
	128MB	FDMM128M-C0C
	256MB	FDMM256M-C0C
	512MB	FDMM512M-C0C
	1GB	FDMM001G-C0C
	2GB	FDMM002G-C0C
NON-FIX BOM	4GB	FDMM004G-CAA
	8GB	FDMM008G-CAA
	16GB	FDMM016G-CAA
	32GB	FDMM032G-CAA
	64GB	FDMM064G-CAA

Specification

Interface	SD 3.0, 8-pin
Form Factor	microSD Flash Card
Capacity	pSLC: 2GB ~ 32GB; SLC: 64MB ~ 2GB; NON-FIX BOM: 4GB ~ 64GB
Max. Performance	Read: 95MB/s, Write: 90MB/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	15mm (L) x 11mm (W) x 1mm (H)
MTBF(hours)	2,000,000hrs