



Datasheet

32G Micro SD Card (preloaded with NOOBS V3.3.1)

RS Stock No:



Product Details

Micro SD uses high-speed storage particles, which will have a better experience in reading and writing, and the card is preloaded with the NOOBS3.3.1 system, which can be used for network startup and very convenient. 32GB of storage space can meet most of your needs, for example, to store text documents, music and videos, and it also can provide effective use of space for you to download software packages.

Features and Benefits

- Three-bits-per-cell (3bpc) technology
- Power Supply Voltage: 3.3V (2.35-3.6V)
- I/O Supply Voltage: 3.3V (2.7-3.6V)/1.8V (1.7-1.95V)
- SanDisk 3D Gen3 X3 256Gb 2-Plane NAND Flash Die
- Preloaded with NOOBS V3.3.1
- Operation:
 - a. Page size: 18,336 bytes
 - b. Block size: TLC: 12MB; SLC: 4MB
 - c. Device size: 1478 blocks/plane



Specifications:

- Backside die surface: Polished bare silicon
- Processed wafer thickness: $785\mu\text{m} \pm 25\mu\text{m}$
- Bond pad metalization: Al
- Bond pad metalization thickness: $0.6\mu\text{m}$
- Passivation: SiO_2/SiN /Polyimide
- Passivation thickness: $6.37\mu\text{m}$
- Scribe line: $70\mu\text{m} \times 70\mu\text{m}$