

AMPSD512G3S-00ES5YC-5P

512GB 3D TLC SD Card



Product Description

The amp inc Secure Digital Memory Card V 3.0 is fully compliant with the standards released by the SD Card Association. The Command List supports definitions. Card capacities of non-secure area, and secure area support specifications.

The SD 3.0 card has a 9-pin interface, designed to operate at a maximum frequency. It can alternate communication protocol between the SD mode and SPI mode. It performs data error detection and correction with very low power consumption. Secure Digital 3.0 cards are one of the most popular cards today due to their high performance, good reliability and wide compatibility.

Specifications

- Brand: Accelerated Memory Production, Inc.
- Model: AMPSD512G3S-00ES5YC-5P
- Type: SD Memory Card
- Capacity: 512GB
- Speed: Class 10, UHS-I, Up to V30
- Features: 3D TLC Flash

Main Features

- Bus Speed Mode= UHS-I
- Video Speed Class= CL10, Up to V30
- Advanced Flash Management
- Static and Dynamic Wear Leveling
- Bad Block Management
- Auto-Read Refresh
- PPMS
- Embedded Mode

Applications

- Mobile Phones
- Digital Cameras
- Personal Computers
- Embedded Systems
- Medical Devices
- Point of Sales Terminals
- Surveillance Systems
- Automotive

Value-Added Services

- Long Life Product Cycle
- Locked BOM
- Custom Labeling
- Environmental Chamber Testing
- Conformal Coating
- Turnkey Manufacturing