Secure Digital Card

16MB / 32MB / 64MB / 128MB / 256MB / 512MB / 1GB

FEATURE

▶ High Speed : Maximum Read / Write = 10MB / 8MB(condition apply)
▶ Excellent Reliability and Compatibility
▶ Security CPRM(Content Protection Recordable Media) support
▶ Support SPI mode
▶ Support Data Stream Read, Stream Write
▶ Support Lock / Unlock command
▶ Support Write Protect command
▶ Support Erase command
▶ High Storage Capacity: Up to 1GByte
▶ Support Two ECC circuits to protect data communication
 -Reed Solomon code (4 bits ECC)
 -Hamming code (1 bit ECC)
▶ Compact for Portability

Mobile Phones   Computer   PDA   Digital Camera

BASIC SPECIFICATION

▶ Specification : SD 1.01
▶ Dimension: 32mm(L) x 24mm(W) x 2.1mm(H)
▶ Operating voltage: 2.7V ~ 3.6V
▶ Operating temperature: -20°C ~ 85°C
▶ Storage temperature: -20°C ~ 85°C
▶ Low power consumption for portable device.
 -Sleep current < 20uA
 -Read operation < 40mA
 -Write operation < 40mA

Security level complies with Secure Digital Music Initiative (SDMI) portable device spec.

CE FC SD