MMC MOBILE CARD

What is MMC Mobile ?!

MMC Mobile = RS-MMC 4.0 (Dual Voltage)

NB: MMC System Specification Version 4.0: Dual Voltage & 13 pin

Feature

> Support MMC System Specification : version 4.0

> Backward Compatible with Previous Versions.

> Excellent Reliability and Compatibility

> Support Data Bus Width Modes : 1 bit / 4 bit / 8 bit

> Support SPI Mode

> Support Lock / Unlock Command

> Support Write Protect Command

> Support Erase Command

> Storage Capacity: Up to 256MB (1.8V)

> Support ECC Circuit to Protect Data Communication

> Support Dual Voltage: Range 1.65V~1.95V
                                2.7V~3.6V

> ±4KV ESD Protection in Contact Pad.

> Dimension: 18mm(L) x 24mm(W) x 1.4mm(H)

> Operating Temperature: $0^{o}C \sim 60^{o}C$

> Storage Temperature: $-20^{o}C \sim 85^{o}C$

Low Power Comsumption

	Low Voltage	High Voltage
Stand By	150uA	150uA
Sleep	150uA	150uA
Read	40mA	60mA
Write	40mA	60mA

Speed Performance (TestMatrix)

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Read-Wirte Speed up to :

Dual Channel : 14MB-11MB / sec

Single Channel : 7MB - 6MB /sec

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