

FEATURES:

- **Fully compatible with SD Card Association specifications**
 - Part 1, Physical Layer Specification, Version 3.1 Final
 - Part 3, Security Specification, Version 3.0 Final
- **Capacity range**
 - 4, 8, 16, 32 GB
- **Performance***
 - Sustained Read: Up to 19 MB/sec
 - Sustained Write: Up to 12 MB/sec
- **SD-protocol compatible**
- **Supports SD SPI mode**
- **Backward compatible with 2.0**
- **NAND Flash Type: MLC**
- **Operating frequency: up to 100 MHz**
- **Intelligent endurance design**
 - Built-in advanced ECC algorithm
 - Wear-leveling
 - Flash bad-block management
 - Built in write protect
- **Temperature ranges**
 - Operating temperature: -25 ~ +85 °C
 - Storage temperature: -40 °C ~ +85 °C
- **Operating voltage: 2.7V ~ 3.6V**
- **Power consumption***
 - Operating: 47 mA
 - Standby: 150 uA
- **Physical dimension : 15mm(L) x 11mm(W) x 1mm(H)**
- **RoHS Recast Compliant (2011/65/EU)**

*Vary from capacities. Performance values presented here are typical and may vary depending on settings and platforms.