



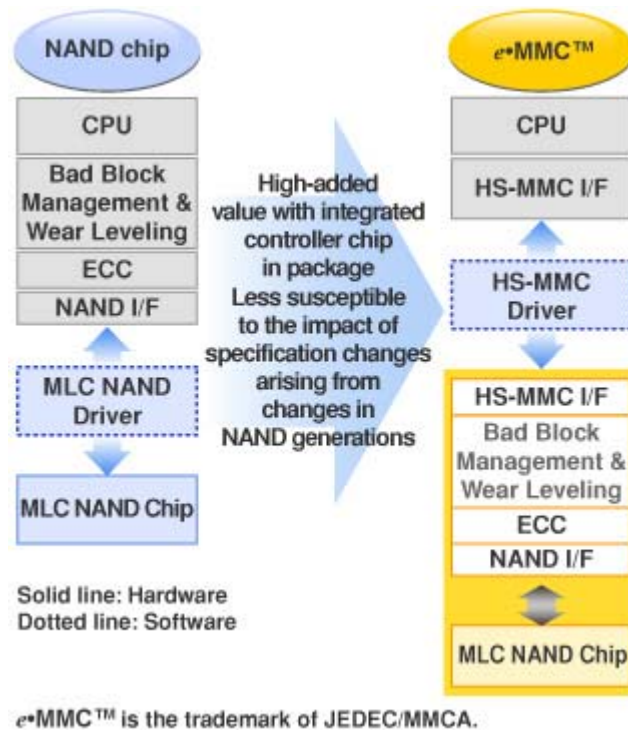
## Semiconductor & Storage Products Company

### Card Interface : e·MMC

The interface of e·MMC™ is compliant with Version 4.41 of the JEDEC e·MMC™ standard for high-speed memory cards. Users can easily use e·MMC™ in various products as an embedded MMC memory device (e·MMC™-compliant). Since e·MMC™ integrates a NAND flash memory and a controller chip in a single package, it can perform such controls as error corrections, wear leveling and bad-block management internally. This frees users from the worry of control operations otherwise required for NAND flash memory, making it easy to use.

#### Product list of e·MMC™

| Capacity | Part Number     | e-MMC Version | Speed (MHz) | Power Supply |                             | Operating Temperature (°C) | Package                  |
|----------|-----------------|---------------|-------------|--------------|-----------------------------|----------------------------|--------------------------|
|          |                 |               |             | Vcc(V)       | VccQ(V)                     |                            |                          |
| 2GB      | THGBM4G4D1HBAIR | 4.41          | to 52       | 2.7 to 3.6   | 1.65 to 1.95,<br>2.7 to 3.6 | -25 to 85                  | P-VFBGA153-1113-0.50-002 |
| 4GB      | THGBM4G5D1HBAIR |               |             |              |                             |                            |                          |
| 8GB      | THGBM4G6D2HBAIR |               |             |              |                             |                            |                          |
| 16GB     | THGBM4G7D2GBAIE |               |             |              |                             |                            | P-TFBGA169-1216-0.50A4   |
| 32GB     | THGBM4G8D4GBAIE |               |             |              |                             |                            |                          |
| 64GB     | THGBM4G9D8GBAII |               |             |              |                             |                            |                          |
| 128GB    | THGBM4T0DBGBAIJ |               |             |              |                             |                            |                          |



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