

NAND Flash Support List (Preliminary)

Update Time: 2007.08.07

| NAND Device ID | | NAND Device Parameters | | | | | | | | | Comments |
|-------------------|--------------------------|------------------------|--------------|-------|------------|--------------------|-------------------|------------|-------------|-------------------|----------|
| Manufacturer | Part Number ¹ | Device Size (bits) | Organization | Class | Block Type | Block Size (bytes) | Page Size (bytes) | Maker Code | Device Code | Operating Voltage | |
| SLC (Small Block) | | | | | | | | | | | |
| SAMSUNG | K9K1208U0C | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 76h | 2.7~3.6V | |
| SAMSUNG | K9F1208U0M | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 76h | 2.7~3.6V | |
| SAMSUNG | K9F1208U0A | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 76h | 2.7~3.6V | |
| SAMSUNG | K9F1208U0B | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 76h | 2.7~3.6V | |
| SAMSUNG | K9T1G08U0M | 1Gb | 128MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 79h | 2.7~3.6V | |
| SAMSUNG | K9K1G08U0B | 1Gb | 128MB | SLC | SB | 16K + 0.5K | 512 + 16 | ECh | 79h | 2.7~3.6V | |
| HYNIX | HY27US08561A | 256Mb | 32MB | SLC | SB | 16K + 0.5K | 512 + 16 | ADh | 75h | 2.7~3.6v | |
| HYNIX | HY27US08121M | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ADh | 76h | 2.7~3.6V | |
| HYNIX | HY27US08121A | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | ADh | 76h | 2.7~3.6V | |
| HYNIX | HY27UA081G1M | 1Gb | 128MB | SLC | SB | 16K + 0.5K | 512 + 16 | ADh | 79h | 2.7~3.6V | |
| ST | NAND512W3A | 512Mb | 64MB | SLC | SB | 16K + 0.5K | 512 + 16 | 20h | 76h | 2.7~3.6V | |
| SLC (Large Block) | | | | | | | | | | | |
| SAMSUNG | K9F1G08U0A | 1Gb | 128MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | F1h | 2.7~3.6V | |
| SAMSUNG | K9K2G08U1A | 2Gb | 128MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | F1h | 2.7~3.6V | |
| SAMSUNG | K9K2G08U0A | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DAh | 2.7~3.6V | |
| SAMSUNG | K9F2G08U0M | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DAh | 2.7~3.6V | |
| SAMSUNG | K9F2G08U0A | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DAh | 2.7~3.6V | |
| SAMSUNG | K9K4G08U1M | 4Gb | 256MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | DAh | 2.7~3.6V | |
| SAMSUNG | K9K4G08U0M | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9F4G08U0M | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9F4G08U0A | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9W8G08U1M | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9K8G08U1M | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9K8G08U1A | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9K8G08U0M | 8Gb | 1GB | SLC | LB | 128K + 4K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| SAMSUNG | K9K8G08U0A | 8Gb | 1GB | SLC | LB | 128K + 4K | 2K + 64 | ECh | D3h | 2.7~3.6V | |

| | | | | | | | | | | | |
|-------------------|-------------------|------|---------|-----|----|-----------|---------|-----|-----|----------|--|
| SAMSUNG | K9WAG08U1M | 16Gb | 1GBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| SAMSUNG | K9WAG08U1A | 16Gb | 1GBx2 | SLC | LB | 128K + 4K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| HYNIX | HY27UF081G2M | 1Gb | 128MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | F1h | 2.7~3.6V | |
| HYNIX | HY27UF081G2A | 1Gb | 128MB | SLC | LB | 128K+4K | 2K + 64 | ADh | F1h | 2.7~3.6v | |
| HYNIX | HY27UG082G2M | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DAh | 2.7~3.6V | |
| HYNIX | HY27UF082G2M | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DAh | 2.7~3.6V | |
| HYNIX | HY27UF082G2A | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DAh | 2.7~3.6v | |
| HYNIX | HY27UH084G2M | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UG084G2M | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UF084G2M | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UG088G5M | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UG088GDM | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UH088G2M | 8Gb | 1GB | SLC | LB | 128K + 4K | 2K + 64 | ADh | D3h | 2.7~3.6V | |
| HYNIX | HY27UH08AG5M | 16Gb | 1GBx2 | SLC | LB | 128K + 4K | 2K + 64 | ADh | D3h | 2.7~3.6V | |
| HYNIX | HY27UH08AGDM | 16Gb | 1GBx2 | SLC | LB | 128K + 4K | 2K + 64 | ADh | D3h | 2.7~3.6V | |
| ST | NAND01GW3B2A | 1Gb | 128MB | SLC | LB | 128K + 4K | 2K + 64 | 20h | F1h | 2.7~3.6V | |
| ST | NAND01GW3B2B | 1Gb | 128MB | SLC | LB | 128K + 4K | 2K + 64 | 20h | F1h | 2.7~3.6V | |
| ST | NAND02GW3B2A | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 20h | DAh | 2.7~3.6V | |
| ST | NAND02GW3B2C | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 20h | DAh | 2.7~3.6V | |
| ST | NAND04GW3B2B | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 20h | DCh | 2.7~3.6V | |
| ST | NAND08GW3B2A | 8Gb | 1GB | SLC | LB | 128K + 4K | 2K + 64 | 20h | D3h | 2.7~3.6V | |
| Micron | MT29F2G08AAB | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DAh | 2.7~3.6v | |
| Micron | MT29F2G08AACWP | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DAh | 2.7~3.6V | |
| Micron | MT29F4G08AAA | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | |
| Micron | MT29F4G08BABWP | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | |
| Micron | MT29F8G08FABWP | 8Gb | 512MBx2 | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | |
| MLC (Large Block) | | | | | | | | | | | |
| SAMSUNG | K9G4G08U0A (65nm) | 4Gb | 512MB | MLC | LB | 256K + 8K | 2K + 64 | ECh | DCh | 2.7~3.6V | |
| SAMSUNG | K9L8G08U0M | 8Gb | 1GB | MLC | LB | 256K + 8K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| SAMSUNG | K9HAG08U1M | 16Gb | 1GBx2 | MLC | LB | 256K + 8K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| SAMSUNG | K9G8G08U0M | 8Gb | 1GB | MLC | LB | 256K + 8K | 2K + 64 | ECh | D3h | 2.7~3.6V | |
| SAMSUNG | K9LAG08U0M | 16Gb | 2GB | MLC | LB | 256K + 8K | 2K + 64 | ECh | D5h | 2.7~3.6V | |
| SAMSUNG | K9HBG08U1M | 32Gb | 2GBx2 | MLC | LB | 256K + 8K | 2K + 64 | ECh | D5h | 2.7~3.6V | |
| HYNIX | HY27UT084G2M | 4Gb | 512MB | MLC | LB | 256K + 8K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UT088G2M | 8Gb | 1GB | MLC | LB | 256K + 8K | 2K + 64 | ADh | D3h | 2.7~3.6V | |

| | | | | | | | | | | | |
|----------------|-----------------------|------|---------|-----|----|-----------|---------|-----|-----|----------|-------------------|
| HYNIX | HY27UU088G5M | 8Gb | 512MBx2 | MLC | LB | 256K + 8K | 2K + 64 | ADh | DCh | 2.7~3.6V | |
| HYNIX | HY27UU08AG5M | 16Gb | 1GBx2 | MLC | LB | 256K + 8K | 2K + 64 | ADh | D3h | 2.7~3.6V | |
| HYNIX | HY27UW08BGFM | 32Gb | 1GBx4 | MLC | LB | 256K + 8K | 2K + 64 | ADh | D3h | 2.7~3.6V | 硬件电路需修改 |
| ST | NAND04GW3C2A | 4Gb | 512MB | MLC | LB | 256K + 8K | 2K + 64 | 20h | DCh | 2.7~3.6V | |
| ST | NAND08GW3C2A | 8Gb | 1GB | MLC | LB | 256K + 8K | 2K + 64 | 20h | D3h | 2.7~3.6V | |
| TOSHIBA | TC58NVG2D4B | 4Gb | 512MB | MLC | LB | 256K + 8K | 2K + 64 | 98h | DCh | 2.7~3.6V | |
| TOSHIBA | TC58NVG3D4C | 8Gb | 1GB | MLC | LB | 256K + 8K | 2K + 64 | 98h | D3h | 2.7~3.6V | |
| TOSHIBA | TH58NVG4D4C | 16Gb | 2GB | MLC | LB | 256K + 8K | 2K + 64 | 98h | DCh | 2.7~3.6V | |
| Others | | | | | | | | | | | |
| | FBNM49A2GK3WG | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DAh | 2.7~3.6v | ID同MT29F2G08AAB |
| | FBNM40A4GK3WG | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | ID同MT29F4G08AAA |
| | FBNM40A2GK3WG | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | ID同MT29F4G08AAA |
| | FBNM20QNAK3WG | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | ID同MT29F4G08BABWP |
| | FTNM29BI9K3WG | 2Gb | 256MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DAh | 2.7~3.6v | ID同MT29F2G08AAB |
| | 29F04G08AANBI | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | 2Ch | DCh | 2.7~3.6V | ID同MT29F4G08AAA |
| | VD101M3MC33-L4 | 4Gb | 512MB | SLC | LB | 128K + 4K | 2K + 64 | ADh | DCh | 2.7~3.6V | ID同HY27UF084G2M |

Notes: 1. 灰色字體表示EOL產品; 2. 紅色字體表示two chip產品; 3. 藍色表示four chip 產品;