

| Flash Vendor | SLC / MLC / TLC | Page Size | Chip Select | Process | Capacity | Part Number     | Remarks | bit-per-cell | PKG Type                | Voltage | PS8035 (CC)        | PS8035 (CC)                | PS8035 (CC)            | PS8035 (CC)        | PS8035 (CC)        | PS8035 (CC)        |                    |
|--------------|-----------------|-----------|-------------|---------|----------|-----------------|---------|--------------|-------------------------|---------|--------------------|----------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|
|              |                 |           |             |         |          |                 |         |              |                         |         | F/W: 35.08 - Final | F/W: 35.08 (Ultra) - Final | F/W: 35.50(U1) - Final | F/W: 25.01 - Final | F/W: 25.52 - Final | F/W: 25.81 - Final | F/W: 25.93 - Final |
|              |                 |           |             |         |          |                 |         |              |                         |         | H/W: 1x8           | H/W: 1x8                   | H/W: 1x8               | H/W: 1x8           | H/W: 1x8           | H/W: 1x8           | H/W: 1x8           |
|              |                 |           |             |         |          |                 |         |              |                         |         | Single             | Single                     | Single                 | Single             | Single             | Single             | Single             |
| Toshiba      | SLC             | 2K        | 1CE         | 43nm    | 64MB     | TC58NV9S3ETA00  |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 2K        | 1CE         | 43nm    | 128MB    | TC58NVG0S3ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 2K        | 1CE         | 32nm    | 128MB    | TC58DVG02D5TA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 2K        | 1CE         | 43nm    | 256MB    | TC58NVG1S3ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 2K        | 1CE         | 43nm    | 512MB    | TC58NVG2S3ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 1CE         | 32nm    | 512MB    | TC58NVG2S0FTA10 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 1CE         | 43nm    | 1GB      | TC58NVG3S0ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 1CE         | 43nm    | 1GB      | TC58NVG3H0ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 1CE         | 43nm    | 1GB      | TC58DVG3S0ETA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 1CE         | 32nm    | 1GB      | TC58NVG3S0FTA10 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 43nm    | 2GB      | TH58NVG4S0ETA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 43nm    | 2GB      | TH58DVG4S0ETA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 32nm    | 2GB      | TH58NVG4S0FTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 43nm    | 4GB      | TH58NVG5S0ETA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 43nm    | 4GB      | TH58NVG5H0ETA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 43nm    | 4GB      | TH58DVG5S0ETA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 32nm    | 4GB      | TH58NVG5S0FTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 2CE         | 32nm    | 4GB      | TH58NVG5S0FTA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 4K        | 4CE         | 43nm    | 8GB      | TH58NVG6H0ELA8B | (Dual)  |              | LGA52<br>(12x17) x 1.3  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 1CE         | 43nm    | 2GB      | TC58NVG4S2ELA48 |         |              | LGA52<br>(14x18) x 1.04 | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 1CE         | 32nm    | 2GB      | TC58NVG4S2FTA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 1CE         | 24nm    | 4GB      | TC58NVG5H2HTA00 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 43nm    | 4GB      | TH58NVG5S2ELA48 |         |              | LGA52<br>(14x18) x 1.04 | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 32nm    | 4GB      | TH58NVG5S2FTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 43nm    | 8GB      | TH58NVG6S2ELA48 |         |              | LGA52<br>(14x18) x 1.04 | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 32nm    | 8GB      | TH58NVG6S2FTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 24nm    | 8GB      | TH58NVG6H2HTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 2CE         | 24nm    | 16GB     | TH58NVG7H2HTA20 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |
| Toshiba      | SLC             | 8K        | 4CE         | 32nm    | 16GB     | TH58NVG7S2FTA30 |         |              | TSOP48                  | 3.3V    | N/A                | N/A                        | N/A                    | N/A                | N/A                | N/A                |                    |

|         |              |     |     |      |      |                                |             |        |                         |      |       |     |     |     |     |     |     |
|---------|--------------|-----|-----|------|------|--------------------------------|-------------|--------|-------------------------|------|-------|-----|-----|-----|-----|-----|-----|
| Toshiba | MLC          | 4K  | 1CE | 56nm | 4GB  | THGVS2G5D2DBA14                |             |        | eSD<br>(12x18) x 1.2    | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 4K  | 1CE | 56nm | 8GB  | THGAM0G6D4DBA14                |             |        | eMMC<br>(12x18) x 1.2   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 4K  | 2CE | 56nm | 16GB | THGAM0G7D8DBA16                |             |        | eMMC<br>(14x18) x 1.4   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 1GB  | TC58NVG3D2ETA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 1GB  | FU8WH7                         |             |        | Wafer(12")              | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 2GB  | TC58NVG4D2ETA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 2GB  | TC58NVG4D2ETA10                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 2GB  | FU8SY9                         |             |        | Wafer(12")              | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 2GB  | FU8XI9                         |             |        | Wafer(12")              | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 2GB  | FU8XI8                         |             |        | Wafer(12")              | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 43nm | 2GB  | THGVS4G4D1EBAI4                |             |        | eSD<br>(12x18) x 1.3    | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 4GB  | TC58NVG5D2ELA48                | (Single)    |        | LGA52<br>(14x18) x 1.04 | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 4GB  | TC58NVG5D2ELAM8                | (Single)    |        | LGA52<br>(14x18) x 1.04 | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 43nm | 4GB  | FU8WH6                         |             |        | Wafer(12")              | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 2GB  | TC58NVG4D2FTA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 2GB  | TC58NVG4D2FTA10                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 43nm | 2GB  | THGBM1G4D1EBAI7                |             |        | eMMC<br>(12x16) x 1.2   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 2GB  | TC58NVG4D2HTA00                |             |        | TSOP48                  | 3.3V | =     | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 32nm | 4GB  | THGBM3G5D1FBAIE                |             |        | eMMC<br>(12x16) x 1.1   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 32nm | 4GB  | THGVS5G5D1FBAI9                |             |        | eSD<br>(12x16) x 1.0    | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5D2FTA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5D2FTA10                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5E2FTA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5E2FTA00<br>(HVPFC/DF5) | (HVPFC/DF5) |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 4GB  | TC58NVG5D2HTA08                | 24bit ECC   |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 4GB  | TC58NVG5D2HTA00                |             |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 4GB  | TC58TEG5D2HTA00                |             |        | TSOP48                  | 3.3V | =     | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 4GB  | TC58TEG5D2HTA00                |             | Toggle | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(HBL) | 8K  | 1CE | 24nm | 8GB  | TC58NVG6D2GTA00                |             |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(HBL) | 8K  | 1CE | 24nm | 8GB  | TC58NVG6D2GTA08                | 24bit ECC   |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 8GB  | TC58NVG6D2HTA08                | 24bit ECC   |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K  | 1CE | 24nm | 8GB  | TC58NVG6D2HTA00                |             |        | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 24nm | 8GB  | TC58TEG6D2HTA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 24nm | 8GB  | TC58TEG6D2HTA00                |             | Toggle | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 1CE | 24nm | 8GB  | TCGVX1G6D2HLA01                | ex_PBA      |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 16K | 1CE | 19nm | 4GB  | TC58TEG5DCJTA00                |             |        | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |

|         |           |     |     |      |      |                 |              |        |                        |      |       |     |     |       |     |     |       |
|---------|-----------|-----|-----|------|------|-----------------|--------------|--------|------------------------|------|-------|-----|-----|-------|-----|-----|-------|
| Toshiba | MLC       | 16K | 1CE | 19nm | 4GB  | TC58TEG5DCJTA00 |              | Toggle | TSOP48                 | 3.3V | 1/2/4 | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 16K | 1CE | 19nm | 8GB  | TC58NVG6DCJTA00 | B Ver        |        | TSOP48                 | 3.3V | 1/2/4 | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 16K | 1CE | 19nm | 8GB  | TC58TEG6DCJTA00 | B Ver        |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 16K | 1CE | 19nm | 8GB  | TC58TEG6DCJTA00 | B Ver        | Toggle | TSOP48                 | 3.3V | 1/2/4 | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 16K | 1CE | 19nm | 8GB  | TC58TEG6DDJTA00 | C Ver        |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 16K | 1CE | 19nm | 8GB  | TC58TEG6DDJTA00 | C Ver        | Toggle | TSOP48                 | 3.3V | N/A   | 2/4 | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 2GB  | TC58NVG4T2ETA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 2GB  | TC58NVG4T2ETA10 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 2GB  | FU8WH9          |              |        | Wafer(12")             | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 2GB  | FU8YK8          |              |        | Wafer(12")             | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 32nm | 2GB  | TC58NVG4T2FTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 4GB  | TC58NVG5T2ETA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 4GB  | FU8WH8          |              |        | Wafer(12")             | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 43nm | 4GB  | FU8YK7          |              |        | Wafer(12")             | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5T2FTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 32nm | 4GB  | TC58NVG5T7FLA09 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 24nm | 4GB  | TC58NVG5T2HTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | 1/2/4 | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58NVG5T2JTA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | 1/2/4 |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58NVG5T2JTA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | 1/2/4 | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58TEG5T2JTA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58TEG5T2JTA00 |              | Toggle | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 32nm | 8GB  | TC58NVG6T2FTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 32nm | 8GB  | TC58NVG6T7FLA09 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 24nm | 8GB  | TC58NVG6T2HTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | 1/2/4 | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 8GB  | TC58NVG6T2JTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | 1/2/4 | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58TEG6T2JTA00 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 4GB  | TC58TEG6T2JTA00 |              | Toggle | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 16GB | TC58NVG7T2JTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | 1/2   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 16GB | TC58TEG7T2JTA00 | ED3          |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | TLC (ABL) | 8K  | 1CE | 19nm | 16GB | TC58TEG7T2JTA00 | ED3          | Toggle | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 2GB  | THGVS4G4D2EBAI8 |              |        | eSD<br>(11.5x13) x 1.2 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 4GB  | THGVS4G5D2EBAI4 |              |        | eSD<br>(12x18) x 1.2   | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 4GB  | TH58NVG5D2ETA20 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 4GB  | TH58NVG5D2ETAK0 |              |        | TSOP48                 | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 4GB  | THGAM0G5D2EBAI7 |              |        | eMMC<br>(12x16) x 1.3  | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 4GB  | THGBM1G5D2EBAI7 |              |        | eMMC<br>(12x16) x 1.3  | 3.3V | N/A   | N/A | N/A | N/A   | N/A | N/A | N/A   |

|         |              |    |     |      |      |                 |           |  |                          |      |     |     |     |     |     |     |
|---------|--------------|----|-----|------|------|-----------------|-----------|--|--------------------------|------|-----|-----|-----|-----|-----|-----|
| Toshiba | MLC          | 8K | 2CE | 32nm | 4GB  | TH58NVG5D2FTA20 |           |  | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | TH58NVG6D2ETA20 |           |  | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58NVG6D2FTA20 |           |  | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | TH58NVG6D2ELA48 | (Dual)    |  | LGA52<br>(14x18) x 1.04  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | TH58NVG6D2ELA49 | (Dual)    |  | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | TH58NVG6D2ELAM8 |           |  | LGA52<br>(14x18) x 1.04  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | TH58NVG6D7EBAK0 | 16bit     |  | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | THGBM1G6D4EBAI4 |           |  | eMMC<br>(12x18) x 1.3    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 8GB  | THGVS4G6D4EBAI4 |           |  | eSD<br>(12x18) x 1.3     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58NVG6D7FBAK0 | 16bit     |  | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58NVG6D2FLA49 |           |  | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58NVG6D2FBAK2 |           |  | BGA224<br>(14x18) x 1.40 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58NVG6E2FLA4C |           |  | LGA52<br>(11x14) x 0.9   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | TH58TVG6D2FBA49 | Toggle    |  | BGA132<br>(12x18) x 1.4  | 3.3v | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | THGBM1G6D2FBAI1 |           |  | eMMC<br>(12x18) x 1.1    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | THGBM2G6D2FBAI9 |           |  | eMMC<br>(12x16) x 1.15   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | THGBM2G6D2FBAIE |           |  | eMMC<br>(12x16) x 1.15   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 8GB  | THGVR0G6D2FLA09 | PBA       |  | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 24nm | 8GB  | TH58TEG6D2HBA4C | Toggle    |  | BGA132<br>(12x18) x 1.4  | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 12GB | TH58NVGCD7FBAK2 | 16bit     |  | BGA224<br>(14x18) x 1.40 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 16GB | TH58NVG7D2ELA48 | (Dual)    |  | LGA52<br>(14x18) x 1.04  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 16GB | TH58NVG7D7EBAK0 | 16bit     |  | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 16GB | THGBM1G7D4EBAI2 |           |  | eMMC<br>(14x18) x 1.3    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 16GB | THGVS4G7D8EBAIO |           |  | eSD<br>(12x18) x 1.2     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 43nm | 16GB | THGBM1G7D8EBAIO |           |  | eMMC<br>(12x18) x 1.2    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | THGBM1G7D4FBAI3 |           |  | eMMC<br>(14x18) x 1.1    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | THGBM2G7D4FBAI9 |           |  | eMMC<br>(12x16) x 1.15   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | THGBM1G7D4FBAII |           |  | eMMC<br>(14x18) x 1.0    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | TH58NVG7D7FBAK0 | 16bit     |  | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | TH58NVG7D2FTA20 |           |  | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | TH58NVG7E2FTA20 |           |  | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | TH58NVG7D2FBA20 |           |  | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | TH58NVG7D2FBAK2 |           |  | BGA224<br>(14x18) x 1.40 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K | 2CE | 32nm | 16GB | THGVR0G7D4FLA09 | PBA       |  | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(HBL) | 8K | 2CE | 24nm | 16GB | TH58NVG7D2GTA28 | 24bit ECC |  | TSOP48                   | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC<br>(ABL) | 8K | 2CE | 24nm | 16GB | TH58NVG7D2HTA28 | 24bit ECC |  | TSOP48                   | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A |

|         |           |     |     |      |      |                 |        |        |                       |      |     |     |     |     |     |     |     |
|---------|-----------|-----|-----|------|------|-----------------|--------|--------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|
| Toshiba | MLC (ABL) | 8K  | 2CE | 24nm | 16GB | TH58NVG7D2HTA20 |        |        | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 16GB | TH58TEG7D2HTA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 16GB | TH58TEG7D2HTA20 |        | Toggle | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC (ABL) | 8K  | 2CE | 24nm | 16GB | TH58TEG7D2HBA4C | (Dual) | Toggle | BGA132 (12x18) x 1.2  | 3.3V | 1/2 | 1/2 | 1/2 | N/A | N/A | N/A | N/A |
| Toshiba | MLC (HBL) | 8K  | 2CE | 24nm | 16GB | TH58TVG7D2GBA4C |        | Toggle | BGA132 (12x18) x 1.2  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC (HBL) | 8K  | 2CE | 24nm | 16GB | THGVX1G7D2GLA08 | ex_PBA |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | TH58NVG8D2ELA49 |        |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | TH58NVG8D2ELAM9 |        |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | TH58NVG8D7EBAK0 | 16bit  |        | BGA224 (14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | THGBM1G8D8EBAI2 |        |        | eMMC (14x18) x 1.4    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | THGVS4G8D8EBAI2 |        |        | eSD (14x18) x 1.2     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 43nm | 32GB | TH58NVG8D2EBAK0 |        |        | BGA224 (14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 32GB | TH58NVG8D7FBAK0 | 16bit  |        | BGA224 (14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 32GB | THGBM1G8D8FBAI2 |        |        | eMMC (14x18) x 1.4    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 32GB | THGBM2G8D8FBAIB |        |        | eMMC (12x16) x 1.15   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 32GB | THGBM2G8D8FBAIH |        |        | eMMC (12x16) x 1.3    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 32GB | THGVR0G8D8FLA09 | PBA    |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC (HBL) | 8K  | 2CE | 24nm | 32GB | THGVX1G8D4GLA08 | ex_PBA |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC (HBL) | 8K  | 2CE | 24nm | 32GB | TH58NVG8D2GTA20 |        |        | TSOP48                | 3.3V | 1   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 32GB | TH58NVG8D2HTA20 |        |        | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 32GB | TH58TEG8D2HTA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 32GB | TH58TEG8D2HTA20 |        | Toggle | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 32nm | 48GB | THGBM2GAD8FBAI2 |        |        | eMMC (14x18) x 1.3    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 8K  | 2CE | 24nm | 64GB | THGVX1G9D8GLA08 | ex_PBA |        | LGA52 (14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 24nm | 16GB | TH58TEG7DBHBAMC |        | Toggle | BGA132 (12x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 16GB | TH58TEG7DCJTA20 | B Ver  |        | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 16GB | TH58TEG7DCJTA20 | B Ver  | Toggle | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 16GB | TH58TEG7DDJTA20 | C Ver  |        | TSOP48                | 3.3V | N/A | 1/2 | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 16GB | TH58TEG7DDJTA20 | C Ver  | Toggle | TSOP48                | 3.3V | N/A | 1/2 | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 16GB | TH58TEG7DDJBA4C | C Ver  | Toggle | BGA132 (12x18) x 1.0  | 3.3V | N/A | 1/2 | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 32GB | TH58TEG8DCJTA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 32GB | TH58TEG8DCJTA20 |        | Toggle | TSOP48                | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 32GB | TH58TEG8DDJTA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC       | 16K | 2CE | 19nm | 32GB | TH58TEG8DDJTA20 |        | Toggle | TSOP48                | 3.3V | =   | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC       | 8K  | 2CE | 43nm | 4GB  | TH58NVG5T2ETA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC       | 8K  | 2CE | 43nm | 4GB  | TH58NVG5T2ETA20 |        |        | TSOP48                | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|         |              |     |     |      |       |                 |              |        |                          |      |     |     |     |     |     |     |     |
|---------|--------------|-----|-----|------|-------|-----------------|--------------|--------|--------------------------|------|-----|-----|-----|-----|-----|-----|-----|
| Toshiba | TLC          | 8K  | 2CE | 43nm | 8GB   | TH58NVG6T2ETA2A |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 43nm | 8GB   | TH58NVG6T2ETA20 |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 43nm | 16GB  | TH58NVG7T2ELA46 | (Dual)       |        | LGA52<br>(12x17) x 1.04  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 32nm | 16GB  | TH58NVG7T7FLA29 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 32nm | 16GB  | TH58NVG7T7FLAK9 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC<br>(ABL) | 8K  | 2CE | 24nm | 16GB  | TH58NVG7T2HTA20 | ED3          |        | TSOP48                   | 3.3V | N/A | N/A | N/A | 1/2 | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 32nm | 32GB  | TH58NVG8T2FLA29 | ED3          |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 32nm | 32GB  | TH58NVG8T7FLA29 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 32nm | 32GB  | TH58NVG8T7FLAK9 | ED3<br>16bit |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 24nm | 32GB  | TH58NVG8T2HTA20 | ED3          |        | TSOP48                   | 3.3V | N/A | N/A | N/A | =   | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 19nm | 32GB  | TH58TEG8T2JTA20 |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | TLC          | 8K  | 2CE | 19nm | 32GB  | TH58TEG8T2JTA20 |              | Toggle | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 43nm | 16GB  | TH58NVG7D2ELA89 | (Dual)       |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 16GB  | TH58NVG7D2FLA89 |              |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 16GB  | TH58NVG7E2FLA8C |              |        | LGA52<br>(11x14) x 0.9   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 16GB  | TH58NVG7D7FBASB | 16bit        |        | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 16GB  | TH58TVG7E2FBA89 |              | Toggle | BGA132<br>(12x18) x 1.4  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 24nm | 16GB  | TH58TEG7D2HBA8C | (Dual)       | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | =   | =   | =   | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 43nm | 32GB  | TH58NVG8D2ELA89 | (Dual)       |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 32GB  | TH58NVG8D2FLA89 |              |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 32GB  | TH58NVG8D7FBASB | 16bit        |        | BGA224<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 32GB  | TH58TVG8E2FBA89 | (Dual)       | Toggle | BGA132<br>(12x18) x 1.4  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 24nm | 32GB  | TH58TEG8D2HBA8C | (Dual)       | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | 1   | 1   | 1   | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 24nm | 32GB  | TH58TVG8D2GBA8C |              | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 48GB  | TH58NVGED2FLA89 |              |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 32nm | 64GB  | THGBM2G9DBFBAI2 |              |        | eMMC<br>(14x18) x 1.4    | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 4CE | 24nm | 64GB  | TH58TEG9D2HBA89 | (Dual)       | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 16K | 4CE | 24nm | 32GB  | TH58TEG8DBHBASC |              | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 16K | 4CE | 19nm | 32GB  | TH58TEG8DDJBA8C | C Ver        | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | N/A | 1   | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 16K | 4CE | 24nm | 64GB  | TH58TEG9DBHBAS9 |              | Toggle | BGA132<br>(12x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 16K | 4CE | 19nm | 64GB  | TH58TEG9DDJBA89 | C Ver        | Toggle | BGA132<br>(12x18) x 1.4  | 3.3V | N/A | 1   | N/A | N/A | N/A | N/A | N/A |
| Toshiba | MLC          | 8K  | 8CE | 32nm | 64GB  | TH58NVG9D2FLAB7 |              |        | LGA52<br>(14x18) x 1.0   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Hynix   | SLC          | 2K  | 1CE | 48nm | 128MB | H27U1G8F2BTR    |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Hynix   | SLC          | 2K  | 1CE | 41nm | 512MB | H27U4G8F2DTR-BC |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Hynix   | SLC          | 4K  | 1CE | 48nm | 1GB   | H27U8G8F2MTR    |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Hynix   | SLC          | 4K  | 2CE | 48nm | 2GB   | H27UAG8G5MTR    |              |        | TSOP48                   | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|         |     |     |     |      |       |                 |                 |  |                         |      |       |     |     |     |     |     |
|---------|-----|-----|-----|------|-------|-----------------|-----------------|--|-------------------------|------|-------|-----|-----|-----|-----|-----|
| Hynix   | SLC | 4K  | 2CE | 48nm | 4GB   | H27UBG8H5MTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 2K  | 1CE | 48nm | 512MB | H27U4G8T2BTR-BC |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 1CE | 48nm | 1GB   | H27U8G8T2BTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 1CE | 48nm | 2GB   | H27UAG8T2MTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 1CE | 48nm | 2GB   | H27UAG8T2MUR    | (Single)        |  | LGA52<br>(12x17) x 0.75 | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 1CE | 41nm | 2GB   | H27UAG8T2ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 1CE | 41nm | 4GB   | H27UBG8T2MYR    | (Single)        |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 48nm | 4GB   | H27UBG8U5MTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 48nm | 4GB   | H27UBG8U5MTR    | (Single)        |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 48nm | 4GB   | H27UBG8UDMUR    | (Dual)          |  | LGA52<br>(12x17) x 0.65 | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 41nm | 4GB   | H27UBG8U5ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 48nm | 8GB   | H27UCG8V5MTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 41nm | 8GB   | H27UCG8V5ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 2CE | 41nm | 8GB   | H27UCG8UDMYR    | (Dual)          |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 4CE | 48nm | 8GB   | H27UCG8VFMTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 4CE | 48nm | 8GB   | H27UCG8VFMYR    | (Single)        |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 4CE | 48nm | 16GB  | H27UDG8UFMXR    | (Single)        |  | LGA52<br>(14x18) x 1.47 | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 4K  | 4CE | 41nm | 16GB  | H27UDG8VEMYR    | (Dual)          |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 1CE | 32nm | 2GB   | H27UAG8T2BTR    | (049A or later) |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 1CE | 32nm | 4GB   | H27UBG8T2ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 1CE | 26nm | 4GB   | H27UBG8T2BTR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 1CE | 26nm | 8GB   | H27UCG8T2MYR    |                 |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 1CE | 20nm | 8GB   | H27UCG08T2ATR   |                 |  | TSOP48                  | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 16K | 1CE | 20nm | 8GB   | H27UCG8T2BYR    |                 |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | 1/2 | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 2CE | 32nm | 8GB   | H27UCG8U5ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 2CE | 32nm | 8GB   | H27UCG8UDAYR    | (Dual)          |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 2CE | 32nm | 16GB  | H27UDG8V5ATR    |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 4CE | 32nm | 16GB  | H27UDG8VEAYR    | (Dual)          |  | LGA52<br>(14x18) x1.0   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | MLC | 8K  | 4CE | 32nm | 32GB  | H27UEG8YEAYR    | (Dual)          |  | LGA52<br>(14x18) x1.0   | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Hynix   | TLC | 4K  | 1CE | 32nm | 4GB   | H27UBG8M2AYR    |                 |  | LGA52<br>(14x18) x 1.0  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | SLC | 2K  | 1CE | 42nm | 128MB | K9F1G08U0D-SCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | SLC | 2K  | 1CE | 42nm | 256MB | K9F2G08U0C-SCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | SLC | 2K  | 1CE | 42nm | 512MB | K9F4G08U0D-SCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | SLC | 2K  | 1CE | 42nm | 1GB   | K9K8G08U0D-SCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | SLC | 2K  | 2CE | 42nm | 2GB   | K9WAG08U1D-SCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 4K  | 1CE | 42nm | 2GB   | K9GAG08U0D-PCB0 |                 |  | TSOP48                  | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A |

|         |     |    |     |      |       |                    |                                |        |                         |      |     |     |     |     |     |     |
|---------|-----|----|-----|------|-------|--------------------|--------------------------------|--------|-------------------------|------|-----|-----|-----|-----|-----|-----|
| Samsung | MLC | 4K | 1CE | 42nm | 4GB   | K9LBG08U0D-PCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 4K | 2CE | 42nm | 8GB   | K9HCG08U1D-PCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 4K | 4CE | 42nm | 8GB   | K9HCG08U5D-LCB0    | (Dual)                         |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 4K | 4CE | 42nm | 16GB  | K9PDG08U5D-LCB0    | (Dual)                         |        | LGA52<br>(14x18) x 1.47 | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 4K | 4CE | 42nm | 16GB  | K9MDG08U5D-PCB0    | (Stack)                        |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 32nm | 1GB   | K9G8G08U0C-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 32nm | 2GB   | K9GAG08U0E-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 27nm | 2GB   | K9GAG08U0F-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 35nm | 4GB   | K9GBG08U0M-LCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 27nm | 4GB   | K9GBG08U0A-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 32nm | 4GB   | K9LBG08U0E-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 1CE | 27nm | 8GB   | K9LCG08U0A-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 2CE | 35nm | 8GB   | K9LCG08U1M-LCB0    | (Dual)                         |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 2CE | 32nm | 8GB   | K9HCG08U1E-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 2CE | 27nm | 16GB  | K9HDG08U1A-SCB0    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 2CE | 27nm | 32GB  | K9CFGD8U1M-SCB0    |                                | Toggle | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 4CE | 35nm | 16GB  | K9HDG08U5M-LCB0    | (Dual)                         |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | MLC | 8K | 4CE | 35nm | 32GB  | K9PFG08U5M-LCB0    | (Dual)                         |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 1CE | 42nm | 4GB   | K9ABG08U0M-LCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 1CE | 32nm | 4GB   | K9ABG08U0A-MCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 1CE | 27nm | 4GB   | K9ABGD8U0B-SCB0    |                                | Toggle | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 1CE | 27nm | 8GB   | K9ACGD8U0M-SCB0    |                                | Toggle | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 1CE | 21nm | 4GB   | K9ABGD8U0C-SCB0    |                                | Toggle | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 2CE | 42nm | 8GB   | K9BCG08U1M-MCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 2CE | 32nm | 8GB   | K9BCG08U1A-MCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 2CE | 27nm | 32GB  | K9CFGD8U1M-SCB0    |                                | Toggle | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Samsung | TLC | 8K | 4CE | 32nm | 16GB  | K9CDG08U5A-MCB0    |                                |        | LGA52<br>(14x18) x 1.0  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 2K | 1CE | 34nm | 256MB | 29F2G08ABAEA-WP    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 2K | 1CE | 34nm | 512MB | MT29F4G08ABADA-WP  |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 4K | 1CE | 34nm | 1GB   | MT29F8G08ABABA     | (only PS2231,<br>PS8007B) 128p |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 4K | 1CE | 25nm | 1GB   | MT29F8G08ABACA     | M71                            |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 4K | 1CE | 34nm | 2GB   | MT29F16G08ABABA    | 128p                           |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 4K | 1CE | 25nm | 2GB   | MT29F16G08ABACA    | M72                            |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 8K | 1CE | 25nm | 4GB   | MT29F32G08ABAAA-WP |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 8K | 2CE | 25nm | 8GB   | MT29F64G08AFAAA    |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron  | SLC | 8K | 2CE | 25nm | 16GB  | MT29F128G08AJAAA   |                                |        | TSOP48                  | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A |




|        |     |    |     |      |      |                        |              |      |            |      |       |     |     |     |     |     |     |
|--------|-----|----|-----|------|------|------------------------|--------------|------|------------|------|-------|-----|-----|-----|-----|-----|-----|
| Micron | MLC | 4K | 1CE | 34nm | 2GB  | MT29F16G08CBABA        | 256p         |      | TSOP48     |      | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 34nm | 2GB  | MT29F16G08CBABAL62A3WC | 256p         |      | Wafer      | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 25nm | 2GB  | MT29F16G08CBACA        | L72A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 34nm | 4GB  | MT29F32G08MAA          |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 34nm | 4GB  | MT29F32G08CBAAA        |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 34nm | 4GB  | MT29F32G08CBABA        | 256p         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 1CE | 25nm | 4GB  | MT29F32G08CBACA        | L73A         |      | TSOP48     | 3.3V | 1/2   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 25nm | 4GB  | MT29F32G08CFACA        | L72A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 8GB  | MT29F64G08QAA          |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 8GB  | MT29F64G08CFAAA        |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 8GB  | MT29F64G08CFABA        | 256p         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 25nm | 8GB  | MT29F64G08CFACB        | L73A         | ONFI | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 16GB | MT29F128G08TAA         |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 16GB | MT29F128G08CJAAA       |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 4K | 2CE | 34nm | 16GB | MT29F128G08CJABA       | 256p         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 1CE | 25nm | 8GB  | MT29F64G08CBAAA        | L74A         |      | TSOP48     | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 1CE | 25nm | 8GB  | MT29F64G08CBAAB        | L74A         | ONFI | TSOP48     | 3.3V | 1/2/4 | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 1CE | 21nm | 8GB  | MT29F64G08CBABA        | L84A         |      | TSOP48     | 3.3V | 1/2   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 2CE | 25nm | 16GB | MT29F128G08CFAAA       | L74A         |      | TSOP48     | 3.3V | 1/2   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 2CE | 25nm | 16GB | MT29F128G08CFAAB       | L74A         | ONFI | TSOP48     | 3.3V | 1/2   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 2CE | 25nm | 32GB | MT29F256G08CJAAA       | L74A         |      | TSOP48     | 3.3V | 1     | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | MLC | 8K | 2CE | 25nm | 32GB | MT29F256G08CJAAB       | L74A         | ONFI | TSOP48     | 3.3V | 1     | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | TLC | 8K | 1CE | 25nm | 8GB  | MT29F64G08EBAAA        | B74          |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Micron | TLC | 8K | 2CE | 25nm | 16GB | MT29F128G08EFAAB       | B74          | ONFI | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | SLC | 4K | 2CE | 34nm | 4GB  | JS29F32G08CAND2        |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | SLC | 4K | 4CE | 34nm | 8GB  | JS29F64G08JCND1        |              |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 25nm | 2GB  | JS29F16G08AAME1        | L72A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 34nm | 4GB  | JS29F32G08AAMD1        | L63A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 34nm | 4GB  | JS29F32G08AAMD2        | L63A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 34nm | 4GB  | X29F32G083AMD1         | L63A         |      | Wafer(12") | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 34nm | 4GB  | JS29F32G08AAMDA        | 256p<br>L63B |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 34nm | 4GB  | JS29F32G08AAMDB        | 256p<br>L63B |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 1CE | 25nm | 4GB  | JS29F32G08AAME1        | L73A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 2CE | 34nm | 8GB  | JS29F64G08CAMD1        | L63A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 2CE | 34nm | 8GB  | JS29F64G08CAMD2        | L63A         |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel  | MLC | 4K | 2CE | 34nm | 8GB  | JS29F64G08CAMDB        | 256p<br>L63B |      | TSOP48     | 3.3V | N/A   | N/A | N/A | N/A | N/A | N/A | N/A |


|         |           |    |     |      |      |                    |              |      |            |      |     |     |     |     |     |     |     |
|---------|-----------|----|-----|------|------|--------------------|--------------|------|------------|------|-----|-----|-----|-----|-----|-----|-----|
| Intel   | MLC       | 4K | 4CE | 34nm | 16GB | JS29F16B08JAMD1    | L63A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 4K | 4CE | 34nm | 16GB | JS29F16B08JAMD2    | L63A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 4K | 4CE | 34nm | 16GB | JS29F16B08JAMDB    | 256p<br>L63B |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 1CE | 25nm | 8GB  | JS29F64G08AAME1    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 1CE | 25nm | 8GB  | JS29F64G08ACME2    | L74A         | ONFI | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 1CE | 25nm | 8GB  | JS29F64G08ACME3    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 1CE | 21nm | 8GB  | JS29F64G08AAMF1    | L84A         |      | TSOP48     | 3.3V | 1/2 | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 2CE | 25nm | 16GB | JS29F16B08CAME1    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 2CE | 25nm | 16GB | JS29F16B08CCME2    | L74A         | ONFI | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 2CE | 25nm | 16GB | JS29F16B08CCME3    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 4CE | 25nm | 32GB | JS29F32B08JAME1    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 4CE | 25nm | 32GB | JS29F32B08JCME2    | L74A<br>ONFI | ONFI | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | MLC       | 8K | 4CE | 25nm | 32GB | JS29F32B08JCME3    | L74A         |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | TLC       | 8K | 1CE | 25nm | 8GB  | JS29F64G08AATE1    | B74          |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | TLC       | 8K | 2CE | 25nm | 16GB | JS29F16B08CATE1    | B74          |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Intel   | TLC       | 8K | 4CE | 25nm | 32GB | JS29F32B08JATE1    | B74          |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | MLC (ABL) | 8K | 1CE | 43nm | 2GB  | SDWFR-16G43MA-T1-K |              |      | Wafer(12") | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | MLC (ABL) | 8K | 1CE | 43nm | 2GB  | SDTNMMAHSM-002G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | MLC (ABL) | 8K | 1CE | 43nm | 4GB  | SDTNMMBHSM-004G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | MLC (ABL) | 8K | 1CE | 43nm | 8GB  | SDTNMMCHSM-008G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | MLC (HBL) | 8K | 1CE | 24nm | 8GB  | SDTNPQAHEM-008G    |              |      | TSOP48     | 3.3V | =   | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | TLC (ABL) | 8K | 1CE | 43nm | 2GB  | SDTNMNAHEM-002G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | TLC (ABL) | 8K | 1CE | 43nm | 4GB  | SDTNMNAHEM-004G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | TLC       | 8K | 1CE | 32nm | 4GB  | SDTNNAHEM-004G     |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Sandisk | TLC       | 8K | 1CE | 24nm | 8GB  | SDTNPNAHEM-008G    |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | 1/2 | N/A | N/A | N/A |
| PSC     | SLC       | 4K | 1CE | 40nm | 1GB  | PSU8GA30AT-GCA     |              |      | TSOP48     | 3.3V | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

END

N/A : No Support

= : Haven't tested

 : Part number out of spec, need to double check to confirm

 : Engineer approved, but no approval sheet