

PRODUCT SELECTOR

Q4' 2006, Q1, 2007



AMIC

MULTI CHIP PACKAGE (MCP)

PARALLEL NOR FLASH

DUAL BANK PARALLEL NOR FLASH

FWH / LPC FLASH

SPI SERIAL FLASH

MASK ROM / OTP

LOW POWER/STANDARD
SYNCHRONOUS DRAM (SDRAM)

HIGH SPEED SRAM SYNCHRONOUS
ZERO BUS LATENCY (ZEBL)

HIGH SPEED SRAM SYNCHRONOUS
BURST (SYNCBURST)

PSEUDO SRAM (PSRAM)

LOW POWER ASYNCHRONOUS SRAM

HIGH SPEED ASYNCHRONOUS SRAM

SYNCHRONOUS FIFO

ASYNCHRONOUS FIFO

13.56MHZ RFID READER SYSTEM (RFID)

ORGANIC LIGHT EMITTING DIODE (OLED)

MULTI CHIP PACKAGE (MCP)

| density Mb | configuration | part number | Vcc V | speed ns | temp I = -25/+85 | package | notes | availability |
|------------|-----------------------|------------------|-------|----------|------------------|---------|--------------|--------------|
| 64+16 | (8Mx8 / 4Mx16) + 16M | A82DL640161T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | Q1/2007 |
| 32+8 | (4Mx8 / 2Mx16) + 8M | A82DL32x8T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | NEW |
| 32+4 | (4Mx8 / 2Mx16) + 4M | A82DL32x4T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | NEW |
| 16+4 | (2Mx8 / 1Mx16) + 4M | A82DL16x4T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | ✓ |
| 16+2 | (2Mx8 / 1Mx16) + 2M | A82DL16x2T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | ✓ |
| 8+1 | (1Mx8 / 512Kx16) + 1M | A81L801T(U)G | 3.3 | 70 | I | FBGA | Flash + SRAM | ✓ |

Parallel NOR FLASH

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp U = -40/+85 | Package | Notes | Availability |
|------------|----------------------|-------------|-------|-----------|------------------|--------------------|-------------|--------------|
| 64 | 8M x 8 / 4M x 16 | A29L640 | 3.0 | 70 | U | TSOP / FBGA | Boot Sector | Q1/2007 |
| 32 | 4M x 8 / 2M x 16 | A29L320A | 3.0 | 70 | U | TSOP / FBGA | Boot Sector | NEW |
| 16 | 2M x 8 / 1M x 16 | A29L160A | 3.0 | 70 | U | SOP / TSOP / TFBGA | Boot Sector | NEW |
| 8 | 1M x 8 / 512K x 16 | A29L800A | 3.0 | 70 | U | SOP / TSOP / TFBGA | Boot Sector | ✓ |
| 8 | 1M x 8 / 512K x 16 | A29800 | 5.0 | 70 | U | SOP / TSOP | Boot Sector | ✓ |
| 8 | 1M x 8 | A29L008A | 3.0 | 70 | U | TSOP | Boot Sector | ✓ |
| 4 | 512K x 8 / 256K x 16 | A29L400A | 3.0 | 70 | U | SOP / TSOP / TFBGA | Boot Sector | ✓ |
| 4 | 512K x 8 | A29L040 | 3.0 | 70 | U | DIP / PLCC / TSOP | Uniform | ✓ |
| 4 | 512K x 8 | A29L004 | 3.0 | 70 | U | DIP / PLCC / TSOP | Boot Sector | ✓ |
| 4 | 512K x 8 | A29040B | 5.0 | 70 | U | DIP / PLCC / TSOP | Uniform | ✓ |
| 2 | 256K x 8 | A29002 | 5.0 | 70 | U | DIP / PLCC / TSOP | Boot Sector | ✓ |
| 2 | 256K x 8 | A290021 | 5.0 | 70 | U | DIP / PLCC / TSOP | Boot Sector | ✓ |
| 1 | 128K x 8 | A29010 | 5.0 | 70 | U | DIP / PLCC / TSOP | Uniform | ✓ |
| 1 | 128K x 8 | A29001 | 5.0 | 70 | U | DIP / PLCC / TSOP | Boot Sector | ✓ |
| 1 | 128K x 8 | A290011 | 5.0 | 70 | U | DIP / PLCC / TSOP | Boot Sector | ✓ |

Dual Bank Parallel NOR FLASH

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp U = -40/+85 | Package | Notes | Availability |
|------------|------------------|-------------|-------|-----------|------------------|--------------------|-------------|--------------|
| 64 | 8M x 8 / 4M x 16 | A29DL6401 | 3.0 | 70 | U | TSOP / FBGA | Boot Sector | Q1/2007 |
| 32 | 4M x 8 / 2M x 16 | A29DL32x | 3.0 | 70 | U | TSOP / FBGA | Boot Sector | ✓ |
| 16 | 2M x 8 / 1M x 16 | A29DL16x | 3.0 | 70 | U | SOP / TSOP / TFBGA | Boot Sector | ✓ |

FWH / LPC FLASH

| Density Mb | Configuration | Part Number | Vcc V | Frequency Mhz | Temp C* = 0/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|---------------|-----------------|-------------|-------|--------------|
| 4 | 512K x 8 | A49LF040 | 3.0 | 33 | C* | PLCC / TSOP | LPC | ✓ |
| 4 | 512K x 8 | A49LF040A | 3.0 | 33 | C* | PLCC / TSOP | LPC | ✓ |
| 4 | 512K x 8 | A49LF004 | 3.0 | 33 | C* | PLCC / TSOP | FWH | ✓ |

SPI Serial FLASH

| Density Mb | Configuration | Part Number | Vcc V | Frequency Mhz | Temp U = -40/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|---------------|------------------|---------|-------|--------------|
| 16 | 16M x 1 | A25L16P | 3.0 | 50 | U | SOP | | NEW |
| 8 | 8M x 1 | A25L80P | 3.0 | 50 | U | SOP | | NEW |
| 4 | 4M x 1 | A25L40P | 3.0 | 50 | U | SOP | | NEW |
| 2 | 2M x 1 | A25L20P | 3.0 | 50 | U | SOP | | Q1/2007 |
| 1 | 1M x 1 | A25L10P | 3.0 | 50 | U | SOP | | Q1/2007 |

MASK ROM / OTP

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp | Package | Notes | Availability |
|------------|--------------------|-------------|-------|-----------|------|---------------------|-----------------|--------------|
| 128 | 16M x 8 / 8M x 16 | A23L3616 | 3.0 | 100 | | SOP / TSOP / TSOP-R | ROM Type | ✓ |
| 128 | 16M x 8 / 8M x 16 | A23L36161 | 3.0 | 100 | | SOP / TSOP / TSOP-R | Flash Type | ✓ |
| 64 | 8M x 8 / 4M x 16 | A23L2616 | 3.0 | 70 | | SOP / TSOP / TSOP-R | ROM Type | ✓ |
| 64 | 8M x 8 / 4M x 16 | A23L26161 | 3.0 | 70 | | SOP / TSOP / TSOP-R | Flash Type | ✓ |
| 64 | 8M x 8 / 4M x 16 | A23L26162 | 3.0 | 70 | | SOP / TSOP / TSOP-R | Quick ROM Type | ✓ |
| 32 | 4M x 8 / 2M x 16 | A23L1616 | 3.0 | 70 | | SOP / TSOP / TSOP-R | ROM Type | ✓ |
| 32 | 4M x 8 / 2M x 16 | A23L16161 | 3.0 | 70 | | SOP / TSOP / TSOP-R | AMD Flash comp. | ✓ |
| 32 | 4M x 8 / 2M x 16 | A23L16162 | 3.0 | 70 | | SOP / TSOP / TSOP-R | | ✓ |
| 16 | 2M x 8 / 1M x 16 | A23L0616 | 3.0 | 70 | | SOP / TSOP / TSOP-R | ROM Type | ✓ |
| 16 | 2M x 8 / 1M x 16 | A23L06161 | 3.0 | 70 | | SOP / TSOP / TSOP-R | AMD Flash comp. | ✓ |
| 16 | 2M x 8 / 1M x 16 | A23L06162 | 3.0 | 70 | | SOP / TSOP / TSOP-R | | ✓ |
| 8 | 512K x 16 / 1M x 8 | A23L9316 | 3.0 | 70 | | SOP / TSOP / TSOP-R | ROM Type | ✓ |
| 8 | 512K x 16 / 1M x 8 | A23L93161 | 3.0 | 70 | | SOP / TSOP / TSOP-R | | ✓ |
| 8 | 512K x 16 / 1M x 8 | A23L93162 | 3.0 | 70 | | SOP / TSOP / TSOP-R | | ✓ |
| 2 | 256K x 8 | A278308A | 5.0 | 55 | | DIP / PLCC | OTP ROM | ✓ |

Low Power/Standard Synchronous DRAM (SDRAM)

| Density Mb | Configuration | Part Number | Vcc V | Frequency Mhz | Temp U = -40/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|---------------|------------------|------------|-------|--------------|
| 256 | 16M x 16 | A43L4616 | 3.3 | 143 | | TSOP | | 2007 |
| 128 | 8M x 16 | A43L3616 | 3.3 | 143 | | TSOP | | ✓ |
| 128 | 8M x 16 | A43E36161 | 1.8 | 133 | | TSOP | | 2007 |
| 64 | 4M x 16 | A43L2616 | 3.3 | 143 | | TSOP | | ✓ |
| 64 | 4M x 16 | A43L2616B | 3.3 | 143/166 | U | TSOP | | Q1/2007 |
| 64 | 4M x 16 | A43E26161A | 1.8 | 133 | U | CSP / TSOP | | Q1/2007 |
| 32 | 2M x 16 | A43L1616 | 3.3 | 143/166 | U | TSOP | | NEW |
| 32 | 1M x 32 | A43L0632 | 3.3 | 143/166 | U | CSP | | NEW |
| 32 | 2M x 16 | A43E1616 | 1.8 | 133 | U | TSOP | | ✓ |
| 32 | 1M x 32 | A43E06321 | 1.8 | 125 | U | CSP | | ✓ |
| 16 | 1M x 16 | A43L0616B | 3.3 | 143/166 | U | TSOP | | NEW |
| 16 | 1M x 16 | A43E06161 | 1.8 | 133 | U | TSOP | | ✓ |

High Speed SRAM Synchronous Zero Bus Latency (ZeBL)

| Density Mb | Configuration | Part Number | Vcc V | Speed Mhz | Temp I = -40/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|-----------|------------------|---------|--------------|--------------|
| 36 | 2M X 18 | A67L16181 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 2M X 18 | A67P16181 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 2M X 18 | A67L1618 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 36 | 2M X 18 | A67P1618 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 36 | 1M X 36 | A67L06361 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 1M X 36 | A67P06361 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 1M X 36 | A67L0636 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 36 | 1M X 36 | A67P0636 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 18 | 1M X 18 | A67L06181 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 18 | 1M X 18 | A67P06181 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 18 | 1M X 18 | A67L0618 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 18 | 1M X 18 | A67P0618 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 18 | 512K X 36 | A67L93361 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 18 | 512K X 36 | A67P93361 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 18 | 512K X 36 | A67L9336 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 18 | 512K X 36 | A67P9336 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 9 | 512K X 18 | A67L93181 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 512K X 18 | A67P93181 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 512K X 18 | A67L9318 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 9 | 512K X 18 | A67P9318 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 9 | 256K X 36 | A67L83361 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 256K X 36 | A67P83361 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 256K X 36 | A67L8336 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 9 | 256K X 36 | A67P8336 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |

High Speed SRAM Synchronous Burst (SyncBurst)

| Density Mb | Configuration | Part Number | Vcc/Vccq V | Speed Mhz | Temp I = -25/+85 | Package | Notes | Availability |
|------------|---------------|-------------|------------|-----------|------------------|---------|--------------|--------------|
| 36 | 1M X 36 | A63L06361 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 1M X 36 | A63P06361 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 36 | 1M X 36 | A63L0636 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 36 | 1M X 36 | A63P0636 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |
| 18 | 512K X 36 | A63L93361 | 3.3 | 153 | I | LQFP | Flow-Through | NEW |
| 18 | 512K X 36 | A63P93361 | 2.5 | 153 | I | LQFP | Flow-Through | NEW |
| 18 | 512K X 36 | A63L9336 | 3.3 | 250 | I | LQFP | Pipeline | NEW |
| 18 | 512K X 36 | A63P9336 | 2.5 | 250 | I | LQFP | Pipeline | NEW |
| 9 | 256K X 36 | A63L83361 | 3.3 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 256K X 36 | A63P83361 | 2.5 | 153 | I | LQFP | Flow-Through | ✓ |
| 9 | 256K X 36 | A63L8336 | 3.3 | 250 | I | LQFP | Pipeline | ✓ |
| 9 | 256K X 36 | A63P8336 | 2.5 | 250 | I | LQFP | Pipeline | ✓ |

Pseudo SRAM (PSRAM)

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp U=40/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|-----------|---------------|---------|-------|--------------|
| 16 | 1M x 16 | A6406161A | 3.0 | 70 | U | CSP | | ✓ |
| 16 | 1M x 16 | A64S06162A | 3.0 | 70 | U | CSP | | ✓ |
| 16 | 1M x 16 | A64S06161 | 3.0 | 70 | U | CSP | | ✓ |

Low Power Asynchronous SRAM

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp I=-40/+85 | Package | Notes | Availability |
|------------|---------------|-------------|-------|-----------|----------------|--------------------|-------|--------------|
| 8 | 512K x 16 | LP62S16512 | 3.0 | 55 | T / I | CSP | | ✓ |
| 8 | 512K x 16 | LP62E16512 | 1.8 | 70 | T / I | CSP | | ✓ |
| 4 | 512K x 8 | LP62S4096F | 3.0 | 55 | T / I | TSOP | | ✓ |
| 4 | 512K x 8 | LP624096 | 5.0 | 55 | T / I | TSOP | | 2007 |
| 4 | 256K x 16 | LP62S16256G | 3.0 | 55 | T / I | CSP / TSOP | | ✓ |
| 4 | 256K x 16 | LP62E16256F | 1.8 | 70 | T / I | CSP / TSOP | | 2007 |
| 4 | 256K x 16 | LP6216256 | 5.0 | 70 | T / I | TSOP | | 2007 |
| 2 | 256K x 8 | LP62S2048A | 3.0 | 70 | T / I | SOP / TSOP / TSSOP | | ✓ |
| 2 | 128K x 16 | LP62S16128B | 3.0 | 55 | T / I | CSP / TSOP | | ✓ |
| 2 | 128K x 16 | LP62E16128A | 1.8 | 70 | T / I | CSP / TSOP | | ✓ |
| 1 | 64K x 16 | LP62S1664C | 3.0 | 55 | T / I | CSP / TSOP | | ✓ |
| 1 | 128K x 8 | LP62S1024B | 3.0 | 55 | T / I | SOP / TSOP / TSSOP | | ✓ |
| 1 | 128K x 8 | LP621024D | 5.0 | 70 | T / I | SOP / TSOP / TSSOP | | ✓ |
| 256Kb | 32K x 8 | A625308A | 5.0 | 70 | I | DIP / SOP / TSOP | | ✓ |
| 64Kb | 8K x 8 | A623308A | 5.0 | 70 | I | DIP / SOP / TSOP | | ✓ |

High Speed Asynchronous SRAM

| Density Mb | Configuration | Part Number | Vcc V | Access ns | Temp | Package | Notes | Availability |
|------------|---------------|-------------|-------|-----------|------|-----------|-------|--------------|
| 1 | 128K X 8 | LP61L1024 | 3.3 | 1.2 | | TSOP/STOP | | ✓ |

Synchronous FIFO

| Density Mb | Configuration | Part Number | Vcc V | Frequency Mhz | Temp I=-40/+85 | Package | Notes | Availability |
|------------|----------------------|-------------|-------|---------------|----------------|--------------|-------|--------------|
| 4 | 256K x 18 | FQV2105 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 4 | 516K x 9 | FQV2111 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 4 | 256K x 18 / 516K x 9 | FQV2113 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 4 | 128K x 36 | FQV36110 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 2 | 256K x 9 | FQV2101 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 2 | 128K x 18 / 256K x 9 | FQV2103 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 2 | 128K x 18 | FQV295 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 2 | 64K x 36 | FQV36100 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 1 | 64K x 18 | FQ285 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 1 | 128K x 9 | FQ291 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 1 | 64K x 18 | FQV285 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 1 | 128K x 9 | FQV291 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 1 | 64K x 18 / 128K x 9 | FQV293 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 1 | 32K x 36 | FQV3690 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 512Kb | 32K x 18 | FQ275 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 512Kb | 64K x 9 | FQ281 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 512Kb | 32K x 18 | FQV275 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 512Kb | 64K x 9 | FQV281 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 512Kb | 32K x 18 / 64K x 9 | FQV283 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 512Kb | 16K x 36 | FQV3680 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 256Kb | 16K x 18 | FQ265 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 256Kb | 32K x 9 | FQ271 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 256Kb | 16K x 18 | FQV265 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 256Kb | 32K x 9 | FQV271 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 256Kb | 16K x 18 / 32K x 9 | FQV273 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 256Kb | 8K x 36 | FQV3670 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 128Kb | 8K x 18 | FQ255 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 128Kb | 16K x 9 | FQ261 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 128Kb | 8K x 18 | FQV255 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 128Kb | 16K x 9 | FQV261 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 128Kb | 8K x 18 / 16K x 9 | FQV263 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 128Kb | 4K x 36 | FQV3660 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 64Kb | 8K x 9 | FQ251 | 5.0 | 100 | I | PLCC / TQFP | | ✓ |
| 64Kb | 4K x 18 | FQ245 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 64Kb | 8K x 9 | FQV251 | 3.3 | 100 | I | PLCC / TQFP | | ✓ |
| 64Kb | 4K x 18 | FQV245 | 3.3 | 133 | I | TQFP / STQFP | | ✓ |
| 64Kb | 4K x 18 / 8K x 9 | FQV253 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 64Kb | 2K x 36 | FQV3650 | 3.3 | 166 | I | TQFP / BGA | | ✓ |
| 32Kb | 4K x 9 | FQ241 | 5.0 | 100 | I | PLCC / TQFP | | ✓ |
| 32Kb | 2K x 18 | FQ235 | 5.0 | 100 | I | TQFP / STQFP | | ✓ |
| 32Kb | 4K x 9 | FQV241 | 3.3 | 100 | I | PLCC / TQFP | | ✓ |

| | | | | | | | |
|------|------------------|---------|-----|-----|---|--------------|---|
| 32Kb | 2K x 18 | FQV235 | 3,3 | 133 | I | TQFP / STQFP | ✓ |
| 32Kb | 2K x 18 / 4K x 9 | FQV243 | 3,3 | 166 | I | TQFP / BGA | ✓ |
| 32Kb | 1K x 36 | FQV3640 | 3,3 | 166 | I | TQFP / BGA | ✓ |
| 16Kb | 2K x 9 | FQ231 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 16Kb | 1K x 18 | FQ225 | 5,0 | 100 | I | TQFP / STQFP | ✓ |
| 16Kb | 2K x 9 | FQV231 | 3,3 | 100 | I | PLCC / TQFP | ✓ |
| 16Kb | 1K x 18 | FQV225 | 3,3 | 133 | I | TQFP / STQFP | ✓ |
| 8Kb | 1K x 9 | FQ221 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 8Kb | 512 x 16 | FQ215 | 5,0 | 100 | I | TQFP / STQFP | ✓ |
| 8Kb | 1K x 9 | FQV221 | 3,3 | 100 | I | PLCC / TQFP | ✓ |
| 8Kb | 512 x 16 | FQV215 | 3,3 | 133 | I | TQFP / STQFP | ✓ |
| 4Kb | 512 x 9 | FQ211 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 4Kb | 256 x 18 | FQ205 | 5,0 | 100 | I | TQFP / STQFP | ✓ |
| 4Kb | 512 x 9 | FQV211 | 3,3 | 100 | I | PLCC / TQFP | ✓ |
| 4Kb | 256 x 18 | FQV205 | 3,3 | 133 | I | TQFP / STQFP | ✓ |
| 2Kb | 256 x 9 | FQ201 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 2Kb | 256 x 9 | FQV201 | 3,3 | 100 | I | PLCC / TQFP | ✓ |
| 1Kb | 128 x 9 | FQ621 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 1Kb | 128 x 9 | FQV621 | 3,3 | 100 | I | PLCC / TQFP | ✓ |
| 512b | 64 x 9 | FQ421 | 5,0 | 100 | I | PLCC / TQFP | ✓ |
| 512b | 64 x 9 | FQV421 | 3,3 | 100 | I | PLCC / TQFP | ✓ |

Asynchronous FIFO

| Density Kb | Configuration | Part Number | Vcc V | Access ns | Temp I = -40/+85 | Package | Notes | Availability |
|---------------|---------------|-------------|----------|--------------|---------------------|---------|-------|--------------|
| 64 | 8K x 9 | FQV05 | 3,3 | 15 | I | PLCC | | ✓ |
| 64 | 8K x 9 | FQ05 | 5,0 | 15 | I | PLCC | | ✓ |
| 32 | 4K x 9 | FQV04 | 3,3 | 15 | I | PLCC | | ✓ |
| 32 | 4K x 9 | FQ04 | 5,0 | 15 | I | PLCC | | ✓ |
| 16 | 2K x 9 | FQV03 | 3,3 | 15 | I | PLCC | | ✓ |
| 16 | 2K x 9 | FQ03 | 5,0 | 15 | I | PLCC | | ✓ |
| 8 | 1K x 9 | FQV02 | 3,3 | 15 | I | PLCC | | ✓ |
| 8 | 1K x 9 | FQ02 | 5,0 | 15 | I | PLCC | | ✓ |
| 4 | 512 x 9 | FQV01 | 3,3 | 15 | I | PLCC | | ✓ |
| 4 | 512 x 9 | FQ01 | 5,0 | 15 | I | PLCC | | ✓ |
| 2 | 256 x 9 | FQ00 | 5,0 | 15 | I | PLCC | | ✓ |

Notes: * For detailed product specifications please refer to www.amictechnology.com
 * AMIC products are standard available in lead-free packaging
 * Released to market now = NEW

13.56MHz RFID Reader System

| Part Number | Description | Availability |
|-----------------|---|--------------|
| A9230-B | ISO 15693 fixed reader development kit with A9240-A-001-485 | 2007 |
| A9230-C | ISO 15693 desk top reader | 2007 |
| A9230-D-101-485 | One antenna port ISO 15693 reader with RS-485 interface | 2007 |
| A9230-D-102-485 | One antenna port ISO 15693 reader with RS-485 interface | 2007 |
| A9230-D-101-232 | One antenna port ISO 15693 reader with RS-232 interface | 2007 |
| A9230-D-101-USB | One antenna port ISO 15693 reader with USB interface | 2007 |
| A9230-D-102-USB | One antenna port ISO 15693 reader with USB interface | 2007 |
| A9240-A-001-485 | 1-port long range ISO 15693 reader system | ✓ |
| A9270-A-000 | ISO 15693 CF reader development kit with A9280-A-000 | ✓ |
| A9270-B-000 | ISO 15693 CF reader development kit with A9280-B-000 | ✓ |
| A9271-A-000 | ISO 14443A CF reader development kit with A9281-A-000 | ✓ |
| A9280-A-000 | ISO 15693 CF reader system (standard antenna) | ✓ |
| A9280-B-000 | ISO 15693 CF reader system (enhanced antenna) | ✓ |
| A9280-C-000 | Handheld CF ISO-15693 RFID reader | ✓ |
| A9281-A-000 | ISO 14443A CF reader system | ✓ |

13.56MHz RFID Reader Module

| Part Number | Description | Availability |
|-------------|-------------------------------|--------------|
| A9260-A-000 | ISO 15693 RFID reader module | ✓ |
| A9261-A-000 | ISO 14443A RFID reader module | ✓ |

13.56MHz RFID Reader Antenna

| Part Number | Description | Availability |
|-------------|--------------------|--------------|
| A9290-A-03 | 30 x 40 mm antenna | 2007 |
| A9290-A-06 | 30 x 10 mm antenna | 2007 |

OpenWare Middleware Interface

| Part Number | Description | |
|-------------|---|---|
| A9209-A-20 | Java based middleware interface for A9240-A-001 / 004-485 | ✓ |
| A9209-A-21 | VB6 based middleware interface for A9240-A-001 / 004-485 | ✓ |
| A9209-A-22 | VB.NET based middleware interface for A9240-A-001 / 004-485 | ✓ |
| A9209-A-23 | C#.NET based middleware interface for A9240-A-001 / 004-485 | ✓ |

Industrial Anti-Metal RFID Tag

| Part Number | Description | |
|-------------|--|---|
| A9250-A-1N1 | 65 x 36 x 6.5 mm Anti-Metal ISO 15693 RFID tag | ✓ |
| A9250-A-1N3 | 35 x 35 x 3.0 mm ISO-15693 industrial tag | ✓ |

OLED Product Selection Guide

| Part No. | Description | Package | Availability |
|------------------------|-------------------|---------|--------------|
| Full Color | | | |
| AD314 | 160RGB x 128 Dots | COF | 2007 |
| AD318 | 220RGB x 176 Dots | COF | 2007 |
| Mono Area Color | | | |
| AD330 | 256 x 64 Dots | COF | 2007 |

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