

NXP Semiconductors / Freescale

MAC7116VAG50

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | MAC7116VAG50                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 32-BIT MCU ARM7TDMI-S 32KB FLA |
| Datasheets:         |                                |
| Stock Condition     | 2188 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

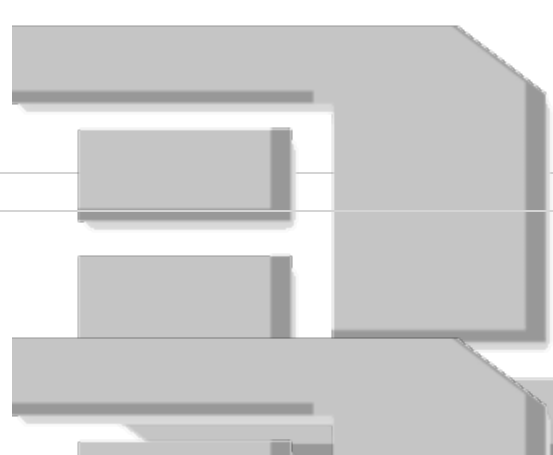
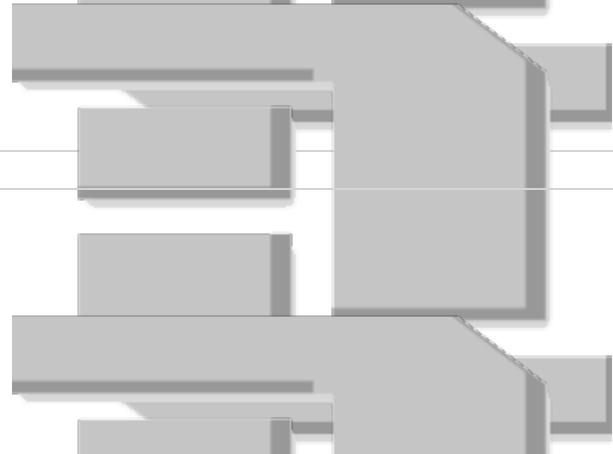
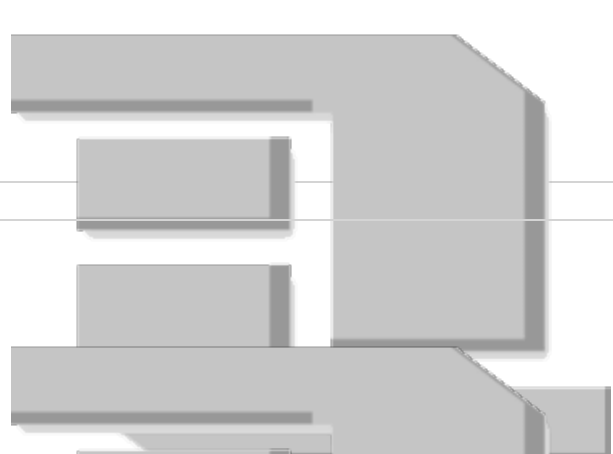
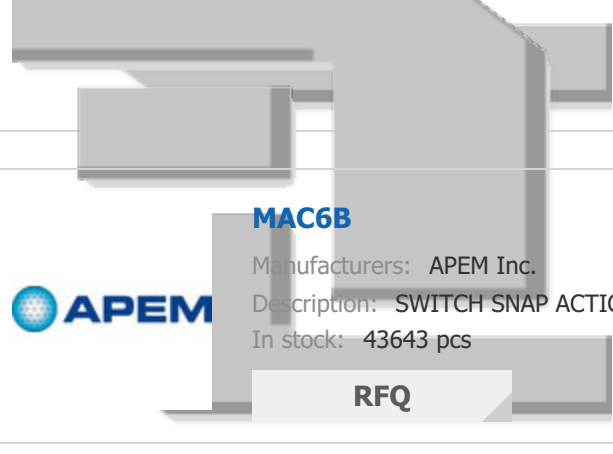
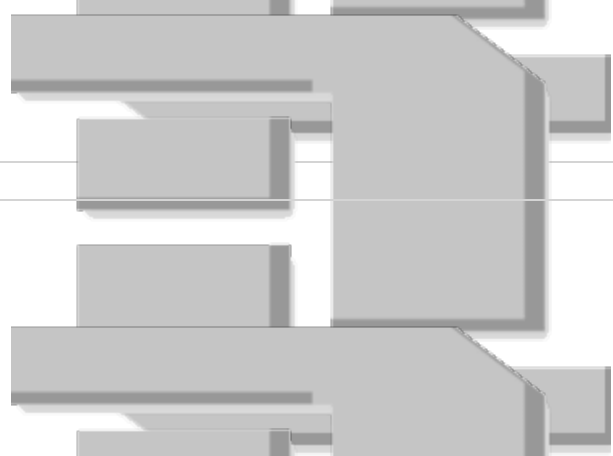
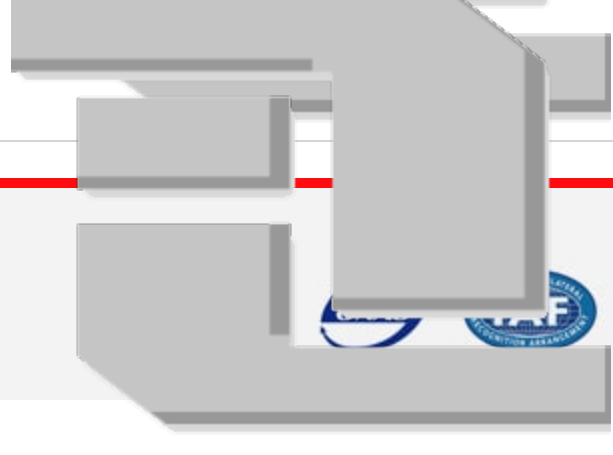
Specifications of MAC7116VAG50

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MAC7116VAG50                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | 32-BIT MCU ARM7TDMI-S 32KB FLA                                                    |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                   |
| QUANTITY AVAILABLE               | 2188 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                  |
| SPEED                            | 50MHz                                                                             |
| SERIES                           | MAC7xxx                                                                           |
| RAM SIZE                         | 48K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                             |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                      |
| PERIPHERALS                      | DMA, POR                                                                          |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 144-LQFP                                                                          |
| OTHER NAMES                      | 935311849557                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                |
| NUMBER OF I/O                    | 112                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| EEPROM SIZE                      | 32K x 8                                                                           |
| DETAILED DESCRIPTION             | ARM7® MAC7xxx Microcontroller IC 32-Bit 50MHz 1MB (1M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                      |
| CORE SIZE                        | 32-Bit                                                                            |
| CORE PROCESSOR                   | ARM7®                                                                             |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, SCI, SPI                                                    |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MAC7116VAG50               | MAC7116VAG50 Distributor        | MAC7116VAG50 Supplier  |
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| MAC7116VAG50 Stock         | Buy MAC7116VAG50                | Buy MAC7116VAG50       |
| MAC7116VAG50               | Supplier                        | Distributor            |

Related Products

|                                                                                                                                                                                                                          |                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MAC8DG</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TRIAC 400V 8A TO220AB<br/>In stock: 81819 pcs</p> <p>RFQ</p> |  <p><b>MAC8SDG</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TRIAC SENS GATE 400V 8A TO220AB<br/>In stock: 87557 pcs</p> <p>RFQ</p> |
|  <p><b>MAC8NG</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TRIAC 800V 8A TO220AB<br/>In stock: 73528 pcs</p> <p>RFQ</p> |  <p><b>MAC6C</b><br/>Manufacturers: APEM Inc.<br/>Description: SWITCH SNAP ACTION SPDT 16A 250V<br/>In stock: 47556 pcs</p> <p>RFQ</p>            |
|  <p><b>MAC7111MAG50</b><br/>Manufacturers: NXP<br/>Description: 32-BIT MCU ARM7TDMI-S 512KB FL<br/>In stock: 3236 pcs</p> <p>RFQ</p>   |  <p><b>MAC8MG</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TRIAC 600V 8A TO220AB<br/>In stock: 71165 pcs</p> <p>RFQ</p>            |
|  <p><b>MAC7131MVF40</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 544KB FLASH 208BGA<br/>In stock: 3617 pcs</p> <p>RFQ</p>  |  <p><b>MAC7101MAG40</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 544KB FLASH 144LQFP<br/>In stock: 3107 pcs</p> <p>RFQ</p>           |
|  <p><b>MAC7121MAG40</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 544KB FLASH 112LQFP<br/>In stock: 3778 pcs</p> <p>RFQ</p> |  <p><b>MAC7111MAG40</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 544KB FLASH 144LQFP<br/>In stock: 3221 pcs</p> <p>RFQ</p>           |
|  <p><b>MAC6B</b><br/>Manufacturers: APEM Inc.<br/>Description: SWITCH SNAP ACTION SPDT 16A 250V<br/>In stock: 43643 pcs</p> <p>RFQ</p> |  <p><b>MAC7111LCEVB</b><br/>Manufacturers: NXP<br/>Description: BOARD EVAL FOR MAC7100<br/>In stock: 6397 pcs</p> <p>RFQ</p>                     |