



NXP Semiconductors / Freescale

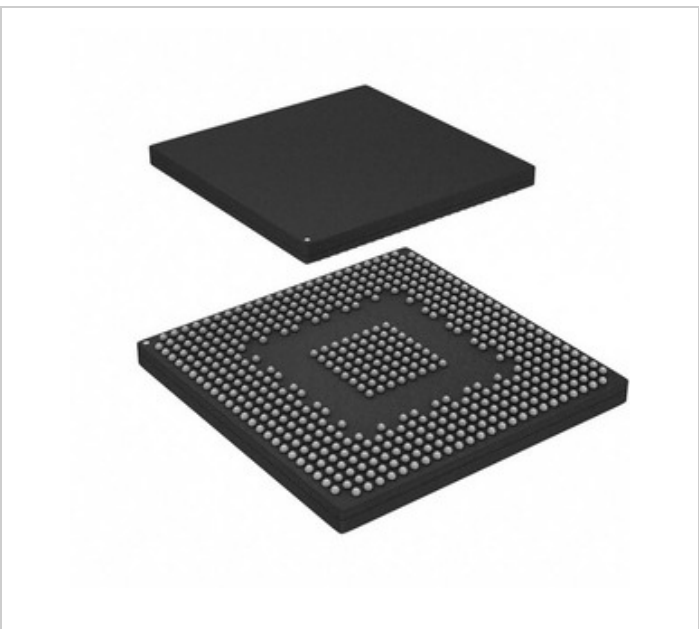


Image may be representation. See specifications for product details.

SAC57D54HCVMO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SAC57D54HCVMO                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 4MB FLASH 516MAPBGA                                                                             |
| Datasheets:         |  SAC57D54HCVMO.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

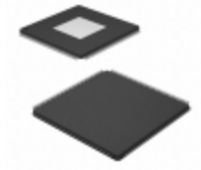
Specifications of SAC57D54HCVMO

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SAC57D54HCVMO                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 4MB FLASH 516MAPBGA                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| DATA SHEET                       |  SAC57D54HCVMO.pdf                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.15 V ~ 5.5 V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 516-MAPBGA (27x27)                                                                                                                  |
| SPEED                            | 80MHz, 160MHz, 320MHz                                                                                                               |
| SERIES                           | MAC57Dxxx                                                                                                                           |
| RAM SIZE                         | 2.3M x 8                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                               |
| PROGRAM MEMORY SIZE              | 4MB (4M x 8)                                                                                                                        |
| PERIPHERALS                      | DMA, LCD, LVD/HVD, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                |
| PACKAGE / CASE                   | 516-BGA                                                                                                                             |
| OTHER NAMES                      | 935313269557                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| EEPROM SIZE                      | -                                                                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-A5, -M4, -M0+ MAC57Dxxx Microcontroller IC 32-Bit Tri-Core 80MHz, 160MHz, 320MHz 4MB (4M x 8) FLASH 516-MAPBGA (27x27) |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                                          |
| CORE SIZE                        | 32-Bit Tri-Core                                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-A5, -M4, -M0+                                                                                                          |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, LINbus, SPI                                                                                         |

Related Tags

|                                              |                                         |                                                  |
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| Freescale Semiconductor - NXP SAC57D54HCVMO  | NXP USA Inc. SAC57D54HCVMO              |                                                  |

Related Products

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| <div></div> <div><b>SAC57D54HCVLTR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: ARM 32-BIT MCU TRIPLE CORE 4MB<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>SAC6.0-TP</b><br/>Manufacturers: Micro Commercial Components (MCC)<br/>Description: TVS DIODE 6V 11.2V DO15<br/>In stock: Out stock</div> <div>RFQ</div>          |
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| <div></div> <div><b>SAC57D53MCMVMOR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: ARM 32-BIT MCU TRIPLE CORE 3MB<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>SAC65</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TVS DIODE LOW CAP SAC TR<br/>In stock: Out stock</div> <div>RFQ</div>                           |
| <div></div> <div><b>SAC6.0-E3/54</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: TVS DIODE 6V 11.2V DO204AC<br/>In stock: Out stock</div> <div>RFQ</div>          | <div></div> <div><b>SAC6.0-E3/73</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: TVS DIODE 6V 11.2V DO204AC<br/>In stock: Out stock</div> <div>RFQ</div>         |
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| <div></div> <div><b>SAC57D54HCVLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 4MB FLASH 208LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>SAC6.0</b><br/>Manufacturers: Hamlin / Littelfuse<br/>Description: TVS DIODE 6V 11.2V DO204AC<br/>In stock: Out stock</div> <div>RFQ</div>                        |