

NXP Semiconductors / Freescale

MCIMX537CVV8C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX537CVV8C                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX53 800MHZ 529TEBGA-2                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1987 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

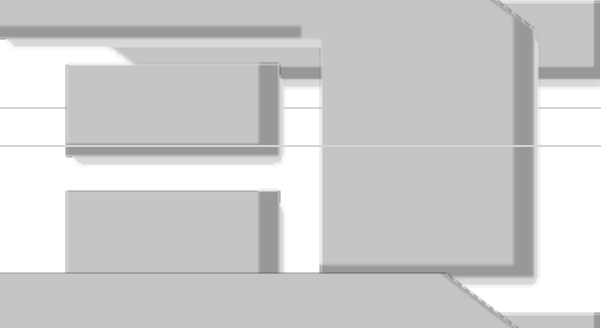
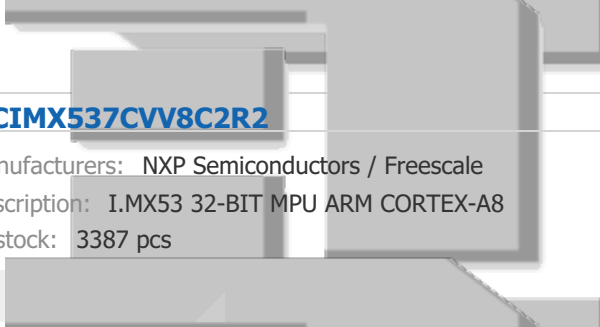
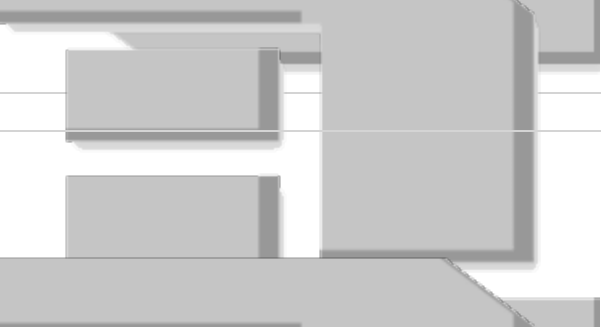
Specifications of MCIMX537CVV8C

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX537CVV8C                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                      |
| DESCRIPTION                      | IC MPU I.MX53 800MHZ 529TEBGA-2                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 1987 pcs                                                                                                            |
| DATA SHEET                       |                                                                                                                     |
| VOLTAGE - I/O                    | 1.3V, 1.8V, 2.775V, 3.3V                                                                                            |
| USB                              | USB 2.0 (2), USB 2.0 + PHY (2)                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 529-FBGA (19x19)                                                                                                    |
| SPEED                            | 800MHz                                                                                                              |
| SERIES                           | i.MX53                                                                                                              |
| SECURITY FEATURES                | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection |
| SATA                             | SATA 1.5Gbps (1)                                                                                                    |
| RAM CONTROLLERS                  | LPDDR2, DDR2, DDR3                                                                                                  |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 529-FBGA                                                                                                            |
| OTHER NAMES                      | 935319782557                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                   |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| GRAPHICS ACCELERATION            | Yes                                                                                                                 |
| ETHERNET                         | 10/100 Mbps (1)                                                                                                     |
| DISPLAY & INTERFACE CONTROLLERS  | Keypad, LCD                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-A8 Microprocessor IC i.MX53 1 Core, 32-Bit 800MHz 529-FBGA (19x19)                                     |
| CORE PROCESSOR                   | ARM® Cortex®-A8                                                                                                     |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                                              |
| BASE PART NUMBER                 | MCIMX537                                                                                                            |
| ADDITIONAL INTERFACES            | 1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART                                                           |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCIMX537CVV8C               | MCIMX537CVV8C Distributor        | MCIMX537CVV8C Supplier  |
| MCIMX537CVV8C Price         | MCIMX537CVV8C Pictures           | MCIMX537CVV8C Image     |
| MCIMX537CVV8C PDF Datasheet | MCIMX537CVV8C Download Datasheet | MCIMX537CVV8C Datasheet |
| MCIMX537CVV8C Stock         | Buy MCIMX537CVV8C                | Buy MCIMX537CVV8C       |
| MCIMX537CVV8C               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                                |                                                                                      |                                                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCIMX6D4AVT08AC</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6D 852MHZ 624FCBGA<br>In stock: 1964 pcs<br><b>RFQ</b>                 |  | <b>MCIMX535DVV2C2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX53 1.2GHZ 529TEBGA<br>In stock: 3708 pcs<br><b>RFQ</b>                                |
|  | <b>MCIMX53SMD</b><br>Manufacturers: NXP<br>Description: TABLET SABRE PLATFORM MCIMX53<br>In stock: 83 pcs<br><b>RFQ</b>                        |  | <b>MCIMX536AVV8C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX53 800MHZ 529TEBGA<br>In stock: 2295 pcs<br><b>RFQ</b>                                 |
|  | <b>MCIMX537CVV8C2</b><br>Manufacturers: NXP<br>Description: I.MX53 32-BIT MPU ARM CORTEX-A8<br>In stock: 2738 pcs<br><b>RFQ</b>                |  | <b>MCIMX537CVV8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX53 800MHZ 529TEBGA<br>In stock: 5655 pcs<br><b>RFQ</b>                                 |
|  | <b>MCIMX536AVV8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX53 800MHZ 529TEBGA<br>In stock: 2939 pcs<br><b>RFQ</b>                   |  | <b>MCIMX537CVV8CR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX53 800MHZ 529TEBGA-2<br>In stock: 3428 pcs<br><b>RFQ</b>                             |
|  | <b>MCIMX537CVV8C2R2</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: I.MX53 32-BIT MPU ARM CORTEX-A8<br>In stock: 3387 pcs |  | <b>MCIMX536AVV8C2</b><br>Manufacturers: NXP<br>Description: I.MX53 32-BIT MPU ARM CORTEX-A8<br>In stock: 3414 pcs<br><b>RFQ</b>                              |
|  | <b>MCIMX53SABREAI</b><br>Manufacturers: NXP<br>Description: KIT DEVELOPMENT AUTO I.MX53<br>In stock: 6047 pcs<br><b>RFQ</b>                    |  | <b>MCIMX536AVV8C2R2</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: I.MX53 32-BIT MPU ARM CORTEX-A8<br>In stock: 2898 pcs<br><b>RFQ</b> |

RFQ

