

NXP Semiconductors / Freescale



### MCF5307AI90B

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCF5307AI90B                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT ROMLESS 208FQFP                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1905 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MCF5307AI90B

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | MCF5307AI90B                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                               |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 208FQFP                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 1905 pcs                                                                     |
| DATA SHEET                       |                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 208-FQFP (28x28)                                                             |
| SPEED                            | 90MHz                                                                        |
| SERIES                           | MCF530x                                                                      |
| RAM SIZE                         | 4K x 8                                                                       |
| PROGRAM MEMORY TYPE              | ROMless                                                                      |
| PROGRAM MEMORY SIZE              | -                                                                            |
| PERIPHERALS                      | DMA, POR, WDT                                                                |
| PACKAGING                        | Tray                                                                         |
| PACKAGE / CASE                   | 208-BFQFP                                                                    |
| OTHER NAMES                      | 935322739557                                                                 |
| OSCILLATOR TYPE                  | External                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                              |
| NUMBER OF I/O                    | 16                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| EEPROM SIZE                      | -                                                                            |
| DETAILED DESCRIPTION             | Coldfire V3 MCF530x Microcontroller IC 32-Bit 90MHz ROMless 208-FQFP (28x28) |
| DATA CONVERTERS                  | -                                                                            |
| CORE SIZE                        | 32-Bit                                                                       |
| CORE PROCESSOR                   | Coldfire V3                                                                  |
| CONNECTIVITY                     | EBI/EMI, I²C, UART/USART                                                     |
| BASE PART NUMBER                 | MCF5307                                                                      |

#### Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MCF5307AI90B               | MCF5307AI90B Distributor        | MCF5307AI90B Supplier  |
| MCF5307AI90B Price         | MCF5307AI90B Pictures           | MCF5307AI90B Image     |
| MCF5307AI90B PDF Datasheet | MCF5307AI90B Download Datasheet | MCF5307AI90B Datasheet |
| MCF5307AI90B Stock         | Buy MCF5307AI90B                | Buy MCF5307AI90B       |
| MCF5307AI90B               | Supplier                        | Distributor            |

#### Related Products

|                                                                                    |                                                                                                                                     |                                                                                      |                                                                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCF5307CAI66B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 2512 pcs<br><div>RFQ</div>     |  | <b>MCF5327CVM240</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 6248 pcs<br><div>RFQ</div>   |
|  | <b>MCF53017CMJ240J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 256MAPBGA<br>In stock: 4746 pcs<br><div>RFQ</div> |  | <b>MCF53015CMJ240J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 256MAPBGA<br>In stock: 6856 pcs<br><div>RFQ</div> |
|  | <b>MCF53012CQT240</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208LQFP<br>In stock: 3156 pcs<br><div>RFQ</div>    |  | <b>MCF53014CMJ240J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 256MAPBGA<br>In stock: 6624 pcs<br><div>RFQ</div> |
|  | <b>MCF53011CQT240</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208LQFP<br>In stock: 3478 pcs<br><div>RFQ</div>    |  | <b>MCF5307CFT66B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 6443 pcs<br><div>RFQ</div>     |
|  | <b>MCF5307FT90B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 6669 pcs<br><div>RFQ</div>      |  | <b>MCF5307AI66B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 2770 pcs<br><div>RFQ</div>      |
|  | <b>MCF5307FT66B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 6430 pcs<br><div>RFQ</div>      |  | <b>MCF5307CAI90B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 208FQFP<br>In stock: 2218 pcs<br><div>RFQ</div>     |

