



Renesas Electronics America



Image may be representation. See specifications for product details.

M37544G2SP

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M37544G2SP                                                                                                           |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 8BIT 8KB OTP 32SDIP                                                                                           |
| Datasheets:         |  M37544G2SP.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4187 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

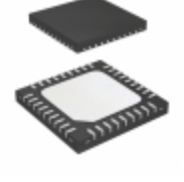
Specifications of M37544G2SP

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M37544G2SP                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 8KB OTP 32SDIP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| QUANTITY AVAILABLE               | 4187 pcs                                                                                           |
| DATA SHEET                       |  M37544G2SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-SDIP                                                                                            |
| SPEED                            | 8MHz                                                                                               |
| SERIES                           | 740/38000                                                                                          |
| RAM SIZE                         | 256 x 8                                                                                            |
| PROGRAM MEMORY TYPE              | OTP                                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                       |
| PERIPHERALS                      | WDT                                                                                                |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 32-SDIP (0.400", 10.16mm)                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                           |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | 740 740/38000 Microcontroller IC 8-Bit 8MHz 8KB (8K x 8) OTP 32-SDIP                               |
| DATA CONVERTERS                  | A/D 6x8b                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                              |
| CORE PROCESSOR                   | 740                                                                                                |
| CONNECTIVITY                     | SIO, UART/USART                                                                                    |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Renesas Electronics America M37544G2SP | M37544G2SP Distributor               | M37544G2SP Supplier                        |
| M37544G2SP Price                       | M37544G2SP Pictures                  | M37544G2SP Image                           |
| M37544G2SP PDF Datasheet               | M37544G2SP Download Datasheet        | M37544G2SP Datasheet                       |
| M37544G2SP Stock                       | Buy M37544G2SP                       | Buy Renesas Electronics America M37544G2SP |
| Renesas Electronics America M37544G2SP | Renesas Electronics America Supplier | Renesas Electronics America Distributor    |
| Renesas Electronics America M37544G2SP | Renesas Technology Corp M37544G2SP   | Renesas M37544G2SP                         |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M37545G4GP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB QZROM 32LQFP<br/>In stock: 5364 pcs<br/><div>RFQ</div></div>  |  <div><b>M37547G4FP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB QZROM 36SSOP<br/>In stock: 30658 pcs<br/><div>RFQ</div></div> |
|  <div><b>M37512FC-021HP#U1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: MCU LQFP<br/>In stock: 6600 pcs<br/><div>RFQ</div></div>                   |  <div><b>M37547G2FP#W4</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT<br/>In stock: 3870 pcs<br/><div>RFQ</div></div>                   |
|  <div><b>M3725 SL005</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE 25COND 16AWG SLATE 100'<br/>In stock: 4302 pcs<br/><div>RFQ</div></div>                     |  <div><b>M37547G2FP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 8KB QZROM 36SSOP<br/>In stock: 5218 pcs<br/><div>RFQ</div></div>   |
|  <div><b>M37544G2AGP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 8KB QZROM 32LQFP<br/>In stock: 21747 pcs<br/><div>RFQ</div></div> |  <div><b>M3725 SL001</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE 25COND 16AWG SLATE 1000'<br/>In stock: 2759 pcs<br/><div>RFQ</div></div>                    |
|  <div><b>M37546G4HP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB QZROM 36HWQFN<br/>In stock: 5390 pcs<br/><div>RFQ</div></div> |  <div><b>M3725 SL002</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE 25COND 16AWG SLATE 500'<br/>In stock: 5212 pcs<br/><div>RFQ</div></div>                     |
|  <div><b>M37546G4GP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 16KB QZROM 32LQFP<br/>In stock: 3009 pcs<br/><div>RFQ</div></div>  |  <div><b>M37542F8GP#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 5366 pcs<br/><div>RFQ</div></div>  |