



## DSPIC33FJ64GS406T-50I/MR

**Manufacturer Part Number:** DSPIC33FJ64GS406T-50I/MR

**Manufacturer/Brand:** Micrel / Microchip Technology

**Part of Description:** IC MCU 16BIT 64KB FLASH 64QFN

**Datasheets:**

- 1.DSPIC33FJ64GS406T-50I/MR.pdf
- 2.DSPIC33FJ64GS406T-50I/MR.pdf
- 3.DSPIC33FJ64GS406T-50I/MR.pdf

**RoHs Status:** Lead free / RoHS

**Stock Condition:** New original, Stock Available.

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	DSPIC33FJ64GS406T-50I/MR
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 64QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33F
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	64-VFQFN Exposed Pad
Supplier Device Package	64-QFN (9x9)
Peripherals	Brown-out Detect/Reset, QEI, POR, PWM, WDT
Core Processor	dsPIC
Speed	50 MIPS
Number of I/O	58
EEPROM Size	-
RAM Size	8K x 8
Core Size	16-Bit
Connectivity	I <sup>2</sup> C, IrDA, LIN, SCI, SPI, UART/USART, USB
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 16x10b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

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| C2012X7R2A332K085AA | CD4066BCSJX       | D CL05C150JB51PNC  | CL31C332JBFNNNE | CNY17F-2X017     |
| DAC7611U            | DS32EL0124SQ/NOPB | E007133P2          | FQPF32N12V2     | GS-R405S-PZ/PCB  |
| D HFA3096C          | HSMS-2805         | HUF75329S3         | IRFB5620PBF     | LM4845ITL        |
| LT1244CS8#TRPBF     | LT3021EDH#PBF     | LTC1286CS8         | M21215G-16      | MA3J142AGL       |
| MAX1227BEEE+T       | MAX735CSA-T       | D MC74HC164AN      | MCC162-16ioB    | MCC19-12I01B     |
| MI-J62-06           | D MPC942CACR2     | MTT50A16N          | NJM2569V        | P6KE12CA         |
| PC74HC04P           | PCI8402ZHK        | PSOT05C-LF-T7      | RF071M2SDDTR    | RM100-48-3.3     |
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| T1259N600TOF        | TLV274CPWR        | TPS73618DCQR       | W2134NC360      | ZK3500A1600V     |

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