

MPT612FBD48,151



Part Number: [MPT612FBD48,151](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 48LQFP

Data sheet:  [MPT612](#)

RoHs Status: Lead free / RoHS Compliant

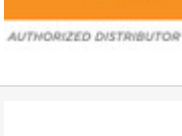
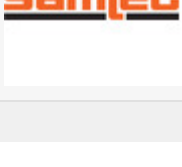
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PRODUCT PARAMETER			
Part Number	MPT612FBD48,151	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5533 pcs	Data sheet	MPT612
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	70MHz
Series	-	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-5217 935292367151 MPT612FBD48151
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	28	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM7® - Microcontroller IC 32-Bit 70MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 8x10b
Core Size	32-Bit	Core Processor	ARM7®
Connectivity	PC, Microwire, SPI, SSI, SSP, UART/USART	Base Part Number	MPT612
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	Part#: MPTC-02-16-02-6.30-01-L-V Description: POWER TERMINAL	Manufacturers: Samtec, Inc.	RFQ
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	Part#: MPT30C39RJ Description: RES 39 OHM 30W 5% TO220	Manufacturers: AMP Connectors / TE Connectivity	RFQ
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	Part#: MPT-8 Description: TVS DIODE 8VWM 11.5VC DO13	Manufacturers: Microsemi Corporation	RFQ
	Part#: MPTC-02-24-02-6.30-01-L-V Description: POWER TERMINAL	Manufacturers: Samtec, Inc.	RFQ
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	Part#: MPTC-02-24-02-01-01-L-RA-SD Description: HDR 4PWR 24SIG R/A CONN	Manufacturers: Samtec, Inc.	RFQ
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	Part#: MPTC-01-04-01-6.30-01-L-V Description: POWER TERMINAL	Manufacturers: Samtec, Inc.	RFQ

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