

PIC18F6525-E/PT



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Part Number: [PIC18F6525-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 48KB FLASH 64TQFP

Data sheet:  [PIC18F525, x621](#)
 [PIC18F525, x621 Revision A1 Errata](#)
 [Timer1 Errata](#)
 [PIC18F6x2\(1,5\), 8x2\(1,5\) Programming Specification](#)

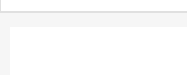
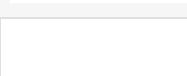
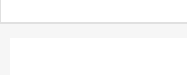
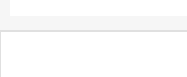
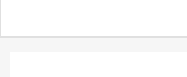
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F6525-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 48KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11406 pcs	Data sheet	PIC18F525, x621 PIC18F525, x621 Revision A1 Errata Timer1 Errata PIC18F6x2(1,5), 8x2(1,5) Programming Specification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	64-TQFP (10x10)	Speed	25MHz
Series	PIC® 18F	RAM Size	3.75K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (24K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	28 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	1K x 8
Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 48KB (24K x 16) FLASH 64-TQFP (10x10)	Data Converters	A/D 12x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	PIC18F6525
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