

MSP430F2491TRGCR

MSP430F2491TRGCR Information



For Reference Only

Part Number MSP430F2491TRGCR
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 16BIT 60KB FLASH 64VQFN

Package 64-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MSP430F2491TRGCR Specifications

Manufacturer Part NumberMSP430F2491TRGCRManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConnectivityI2C, IrDA, LIN, SCI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O48Program Memory Size60KB (60K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData Converters-Oscillator TypeInternal	*	
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Package64-VFQFN Exposed PadSeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConnectivity12C, IrDA, LIN, SCI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O48Program Memory Size60KB (60K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData Converters-Oscillator TypeInternal	Category	Integrated Circuits (ICs)
SeriesMSP430F2xxCore ProcessorMSP430Core Size 16 -BitSpeed 16 MHzConnectivity $12C$, $1r$ DA, 10 , 1		Embedded - Microcontrollers
Core Processor Core Size 16-Bit Speed 16MHz Connectivity I2C, IrDA, LIN, SCI, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters Oscillator Type Internal	Package	64-VFQFN Exposed Pad
Core Size 16-Bit Speed 16MHz Connectivity I2C, IrDA, LIN, SCI, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal	Series	MSP430F2xx
Speed16MHzConnectivityI2C, IrDA, LIN, SCI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O48Program Memory Size60KB (60K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData Converters-Oscillator TypeInternal	Core Processor	MSP430
Connectivity I2C, IrDA, LIN, SCI, SPI, UART/USART Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters Oscillator Type Internal	Core Size	16-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal	Speed	16MHz
Number of I/O 48 Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal	Connectivity	I2C, IrDA, LIN, SCI, SPI, UART/USART
Program Memory Size 60KB (60K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters - Oscillator Type Internal	Number of I/O	48
EEPROM Size - CAN Size - CAN Size - CAN Size - CAN Size - Supply (Vcc/Vdd) Size - Supply (Vcc/Vdd) Size - CAN	Program Memory Size	60KB (60K x 8 + 256B)
RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 3.6 \text{ V}$ Data Converters - Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal	EEPROM Size	-
Data Converters - Oscillator Type Internal	RAM Size	2K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
	Data Converters	-
100G 1050G (TAL)	Oscillator Type	Internal
Operating Temperature -40°C ~ 105°C (TA)	Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 64-VFQFN Exposed Pad	Package / Case	64-VFQFN Exposed Pad
Supplier Device Package 64-VQFN (9x9)	Supplier Device Package	64-VQFN (9x9)
Report errors?		Report errors?

MSP430F2491TRGCR Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Our experienced sales team and tech support team back our services to satisfy all our customers.

MSP430F2491TRGCR Payment Methods



















MSP430F2491TRGCR Shipping Methods













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