

MSP430F2002TPWR

MSP430F2002TPWR Information

Citititie With Million com	 MSP430F2002TPWR Texas Instruments Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 1KB FLASH 14TSSOP 14-TSSOP (0.173", 4.40mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MSP430F2002TPWR Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 14-TSSOP (0.173", 4.40mm Width) Series MSP430F2xx Core Processor MSP430 Core Size 16-Bit Speed 16MHz Connectivity 12C, SPI Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 10 Program Memory Size IKB (1K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 8x10b Operating Temperature -40°C ~ 105°C (TA) Operating Temperature -40°C ~ 105°C (TA) Package / Case 14-TSSOP (0.173", 4.40mm Width)		
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Speed16MHzConnectivity12C, SPIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O10Program Memory Size1KB (1K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator Type-Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)	Core Processor	MSP430
Connectivity I2C, SPI Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 10 Program Memory Size IKB (1K x 8 + 256B) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Package / Case 14-TSSOP (0.173", 4.40mm Width)	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O10Program Memory Size1KB (1K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Speed	16MHz
Number of I/O10Program Memory Size1KB (1K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x 10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Connectivity	I2C, SPI
Program Memory SizeIKB (1K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)	Number of I/O	10
EEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Program Memory Size	1KB (1K x 8 + 256B)
RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	EEPROM Size	-
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	RAM Size	128 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Data Converters	A/D 8x10b
Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Oscillator Type	Internal
Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package 14-TSSOP	Mounting Type	-
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	14-TSSOP
		Report errors?

MSP430F2002TPWR Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MSP430F2002TPWR Payment Methods



If you have any question about MSP430F2002TPWR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com