

TM4C1292NCPDTI3R

TM4C1292NCPDTI3R Information

www.neisener.com	 TM4C1292NCPDTI3R Texas Instruments Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 1MB FLASH 128TQFP 128-TQFP For the pricing/inventory/lead time, please contact us	
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TM4C1292NCPDTI3R Specifications

ManufacturerTexas InstrumentsManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage128-TQFPSeriesTiva? CCore ProcessorARM? Cortex?-M4FCore Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (IM x 8)Program Memory TypeFLASHEEPROM Size6K x 8NAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)				
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage128-TQFPSeriesTiva? CCore ProcessorARM? Cortex?-M4FCore Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPreipheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)EEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersJonenalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Manufacturer Part Number	TM4C1292NCPDTI3R		
Indext and the second	Manufacturer	Texas Instruments		
Package128-TQFPSeriesTiva? CCore ProcessorARM? Cortex?-M4FCore Size32-BitSpeed120MHzConcetivityCAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)PERPOM SizeS6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2,97 V ~ 3.63 VData ConvertersAID 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type128-TQFP (14x14)	Category	Integrated Circuits (ICs)		
SeriesTiva? CCore ProcessorARM? Cortex?-M4FCore Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-Prokage / Case128-TQFP (14x14)		Embedded - Microcontrollers		
Core ProcessorARM? Cortex?-M4FCore Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8Voltage - Supply (Vcc/Vdd)297 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Package	128-TQFP		
Core Size32-BitSpeed120MHzConnectivityCAN, EBI/EMI, Ethernet, I2C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8Voltage - Supply (Vcc/Vdd)296 V × 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Series	Tiva? C		
Speed120MHzConnectivityCAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8Voltage - Supply (Vcc/Vdd)297 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type128-TQFP (14x14)	Core Processor	ARM? Cortex?-M4F		
Connectivity CAN, EBI/EMI, Ethernet, 12C, IrDA, QEI, SPI, SSI, UART/USART, USB OTG Peripherals Brown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDT Number of I/O 90 Program Memory Size IMB (1M x 8) Program Memory Type FLASH EEPROM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.97 V ~ 3.63 V Data Converters A/D 20x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 128-TQFP (14x14)	Core Size	32-Bit		
PeripheralsBrown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDTNumber of I/O90Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Speed	120MHz		
Number of I/O90Program Memory Size1MB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Connectivity	CAN, EBI/EMI, Ethernet, I2C, IrDA, QEI, SPI, SSI, UART/USART, USB OTG		
Program Memory SizeIMB (1M x 8)Program Memory TypeFLASHEEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Peripherals	Brown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDT		
Program Memory TypeFLASHEEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFP (14x14)	Number of I/O	90		
EEPROM Size6K x 8RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Program Memory Size	1MB (1M x 8)		
RAM Size256K x 8Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Program Memory Type	FLASH		
Voltage - Supply (Vcc/Vdd)2.97 V ~ 3.63 VData ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	EEPROM Size	6K x 8		
Data ConvertersA/D 20x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	RAM Size	256K x 8		
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Voltage - Supply (Vcc/Vdd)	2.97 V ~ 3.63 V		
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Data Converters	A/D 20x12b		
Mounting Type-Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Oscillator Type	Internal		
Package / Case128-TQFPSupplier Device Package128-TQFP (14x14)	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package128-TQFP (14x14)	Mounting Type	-		
	Package / Case	128-TQFP		
Report errors?	Supplier Device Package	128-TQFP (14x14)		
		Report errors?		

TM4C1292NCPDTI3R 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.

TM4C1292NCPDTI3R Payment Methods





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