

# MSP430F2121IDGVR

#### **MSP430F2121IDGVR Information**

	 MSP430F2121IDGVR Texas Instruments Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 16BIT 4KB FLASH 20TVSOP 20-TFSOP (0.173", 4.40mm Width) For the pricing/inventory/lead time, please contact	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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## MSP430F2121IDGVR Specifications

Manufacturer Texas Instruments   Manufacturer Texas Instruments   Category Integrated Circuits (ICs)   Embedded - Microcontrollers Embedded - Microcontrollers   Package 20-TFSOP (0.173", 4.40mm Width)   Series MSP430F2xx   Core Processor MSP430F2xx   Core Size 16-Bit   Speed 16MHz   Connectivity -   Peripherals Brown-out Detect/Reset, POR, PWM, WDT   Number of I/O 16   Program Memory Size 4KB (4K x 8 + 256B)   Perper Size -   RAM Size 256 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters Slope A/D   Oscillator Type Internal   Operating Temperature -40°C ~ 85°C (TA)   Mounting Type -   Package / Case 20-TFSOP (0.173", 4.40mm Width)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-TFSOP (0.173", 4.40mm Width)SeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConnectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-Nutage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TFSOP (0.173", 4.40mm Width)	Manufacturer Part Number	MSP430F2121IDGVR
Embedded - MicrocontrollersPackage20-TFSOP (0.173", 4.40mm Width)SeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConnectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TYSOP	Manufacturer	Texas Instruments
Package20-TFSOP (0.173", 4.40mm Width)SeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConcetivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-Nutage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package02-TYSOP	Category	Integrated Circuits (ICs)
SeriesMSP430F2xxCore ProcessorMSP430Core Size16-BitSpeed16MHzConnectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator Type-Program femeprature-Avo°c ~ 85°C (TA)-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TYSOP		Embedded - Microcontrollers
Core Processor MSP430   Core Size 16-Bit   Speed 16MHz   Connectivity -   Peripherals Brown-out Detect/Reset, POR, PWM, WDT   Number of I/O 16   Program Memory Size 4KB (4K x 8 + 256B)   Program Memory Type FLASH   EEPROM Size -   RAM Size 256 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters Slope A/D   Oscillator Type Internal   Operating Temperature -   Package / Case 20-TFSOP (0.173", 4.40mm Width)   Supplier Device Package 20-TVSOP	Package	20-TFSOP (0.173", 4.40mm Width)
Core Size16-BitSpeed16MHzConnectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Series	MSP430F2xx
Speed16MHzConnectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)	Core Processor	MSP430
Connectivity-PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Speed	16MHz
Number of I/O16Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Connectivity	-
Program Memory Size4KB (4K x 8 + 256B)Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Number of I/O	16
EEPROM Size-RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Program Memory Size	4KB (4K x 8 + 256B)
RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	EEPROM Size	-
Data ConvertersSlope A/DOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	RAM Size	256 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Data Converters	Slope A/D
Mounting Type-Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Oscillator Type	Internal
Package / Case20-TFSOP (0.173", 4.40mm Width)Supplier Device Package20-TVSOP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 20-TVSOP	Mounting Type	-
	Package / Case	20-TFSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	20-TVSOP
		Report errors

#### MSP430F2121IDGVR 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 BUARANTEE

#### **Service Guarantees**

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

#### MSP430F2121IDGVR Payment Methods



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