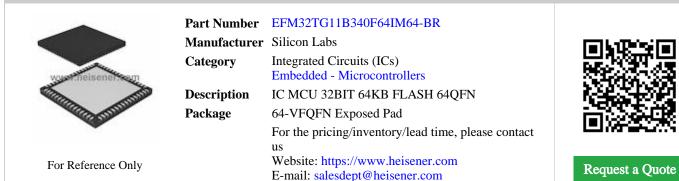


EFM32TG11B340F64IM64-BR

EFM32TG11B340F64IM64-BR Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



EFM32TG11B340F64IM64-BR Specifications

Manufacturer Part NumberEFM32TG11B340F64IM64-BRManufacturerSilicon LabsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadScriesTiny Gecko 1Core ProcessorARM@ Cortex@-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)FUEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VDactonverters4/D 12bit SAR; J/A 12bitOscillator TypeInternalOperating TypeSurface MountOperating TypeSurface MountPackage/ Case64-VFQFN Exposed PadSupplier Device Package64-OFQFN Exposed Pad		-	
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesTiny Gecko 1Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Porgram Memory Size64KB (64K x 8)Porgram Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40° ~ 125°C (TJ)Mounting TypeSufface MountPackage / Case64-VFQFN Exposed PadSuppler Device Package64-VFQFN Exposed Pad	Manufacturer Part Number	EFM32TG11B340F64IM64-BR	
Hendedd - MicrocontrollersPackage64-VFQFN Exposed PadSeriesTiny Gecko 1Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountFackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Manufacturer	Silicon Labs	
Package64-VFQFN Exposed PadSeriesTiny Gecko 1Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, ISS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)PerGM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Category	Integrated Circuits (ICs)	
SeriesTiny Gecko 1Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)		Embedded - Microcontrollers	
Core ProcessorARM@ Cortex@-M0+Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-VFQFN Exposed Pad	
Core Size32-BitSpeed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQNE AgaelSupplier Device Package64-QFN (9x9)	Series	Tiny Gecko 1	
Speed48MHzConnectivityCANbus, PC, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, PS, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersAnd 12bit SAR; D/A 12bitOperating Temperature-Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Processor	ARM® Cortex®-M0+	
ConnectivityCANbus, I²C, IrDA, LINbus, SmartCard, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, I*S, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Speed	48MHz	
Number of I/O53Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Connectivity	CANbus, I2C, IrDA, LINbus, SmartCard, SPI, UART/USART	
Program Memory Size64Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Peripherals	Brown-out Detect/Reset, DMA, I2S, LCD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of I/O	53	
EEPROM Size-RAM Size32K x 8Voltage - Supply (Vcc/Vd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Size	64KB (64K x 8)	
RAM Size32K x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Type	FLASH	
NotestingNotestingVoltage - Supply (Vcc/Vdd)1.8V ~ 3.8VData ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	EEPROM Size	-	
Data ConvertersA/D 12bit SAR; D/A 12bitOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	RAM Size	32K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.8V	
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Data Converters	A/D 12bit SAR; D/A 12bit	
Mounting TypeSurface MountPackage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Oscillator Type	Internal	
Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Operating Temperature	-40°C ~ 125°C (TJ)	
Supplier Device Package64-QFN (9x9)	Mounting Type	Surface Mount	
	Package / Case	64-VFQFN Exposed Pad	
Report errors?	Supplier Device Package	64-QFN (9x9)	
			Report errors?

EFM32TG11B340F64IM64-BR 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.

EFM32TG11B340F64IM64-BR Payment Methods WIRE transfer PayPal Pa

If you have any question about EFM32TG11B340F64IM64-BR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com