



TMP86FS49FG Information



For Reference Only

Part Number TMP86FS49FG

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 60KB FLASH 64QFP

Package 64-BQFF

For the pricing/inventory/lead time, please contact

us

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



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TMP86FS49FG Specifications

Manufacturer Part Number TMP86FS49FG Manufacturer Toshiba Semiconductor and Storage Category Integrated Circuits (ICs) Package 64-BQFP Scries TLCS-870/C Core Processor 870/C Core Size 8-Bit Speed 16MHz Connectivity 12C, SIO, UART/USART Peripherals PWM, WDT Number of I/O 56 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14) Report errors?	*	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-BQFP Series TLCS-870/C Core Processor 870/C Core Size 8-Bit Speed 16MHz Connectivity 12C, SIO, UART/USART Peripherals PWM, WDT Number of I/O 56 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Manufacturer Part Number	TMP86FS49FG
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Speed 16MHz Connectivity 12C, SIO, UART/USART Peripherals PWM, WDT Number of I/O 56 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Core Processor	870/C
Connectivity I2C, SIO, UART/USART Peripherals PWM, WDT Number of I/O 56 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Core Size	8-Bit
Peripherals Number of I/O 56 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-QFP (14x14)	Speed	16MHz
Number of I/O Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 64-BQFP Supplier Device Package	Connectivity	I2C, SIO, UART/USART
Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Peripherals	PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Number of I/O	56
EEPROM Size - CK x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Program Memory Size	60KB (60K x 8)
RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-BQFPSupplier Device Package64-QFP (14x14)	EEPROM Size	-
Data ConvertersA/D 16x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-BQFPSupplier Device Package64-QFP (14x14)	RAM Size	2K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Data Converters	A/D 16x10b
Mounting Type - Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Oscillator Type	Internal
Package / Case 64-BQFP Supplier Device Package 64-QFP (14x14)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 64-QFP (14x14)	Mounting Type	-
	Package / Case	64-BQFP
Report errors?	Supplier Device Package	64-QFP (14x14)
		Report errors?

TMP86FS49FG 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.

TMP86FS49FG Payment Methods





















TMP86FS49FG Shipping Methods













If you have any question about TMP86FS49FG, please do not hesitate to contact us!

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