

S1C17M12F101100



Part Number: [S1C17M12F101100](#)

Manufacturer [Epson](#)

Description 16-BIT SNGL CHIP MICROCONTROLLER

Data sheet:  [S1C17M12,13 Datasheet](#)
 [S1C17M12,13 Technical Manual](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S1C17M12F101100	Manufacturer	Epson
Description	16-BIT SNGL CHIP MICROCONTROLLER	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	86317 pcs	Data sheet	S1C17M12,13 Datasheet S1C17M12,13 Technical Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	48-TQFP (7x7)	Speed	16.8MHz
Series	-	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, LED, POR, PWM, WDT	Packaging	Tray
Package / Case	48-TQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	38
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	22 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	S1C17 - Microcontroller IC 16-Bit 16.8MHz 16KB (16K x 8) FLASH 48-TQFP (7x7)	Data Converters	-
Core Size	16-Bit	Core Processor	S1C17
Connectivity	I ² C, IrDA, SPI, UART/USART		
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	Part#: S1C17704F101100 Description: IC MCU 16BIT 64KB FLASH 144TQFP	Manufacturers: Epson	RFQ
	Part#: S1C17W03F102100 Description: 16-BIT MCU 4.2MHZ16KB FLASH 2KB	Manufacturers: Epson	RFQ
	Part#: S1C17M01F201100 Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Epson	RFQ
	Part#: S1C17M13F101100 Description: 16-BIT SNGL CHIP MICROCONTROLLER	Manufacturers: Epson	RFQ
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	Part#: S1C17F57F401100 Description: IC MCU 16BIT 32KB FLASH 128QFP	Manufacturers: Epson	RFQ

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