

S1C31W74B201000



Part Number: [S1C31W74B201000](#)

Manufacturer [Epson](#)

Description 32-BIT SNGL CHIP MICROCONTROLLER

Data sheet:  [S1C31W74 Datasheet](#)
 [S1C31W74 Technical Manual](#)

RoHs Status: Lead free / RoHS Compliant

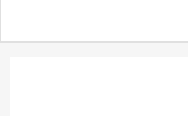
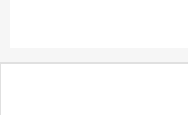
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PRODUCT PARAMETER			
Part Number	S1C31W74B201000	Manufacturer	Epson
Description	32-BIT SNGL CHIP MICROCONTROLLER	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14958 pcs	Data sheet	S1C31W74 Datasheet S1C31W74 Technical Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	181-VFBGA (8x8)	Speed	21MHz
Series	-	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	181-VFBGA	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	71
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	24 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ - Microcontroller IC 32-Bit 21MHz 512KB (512K x 8) FLASH 181-VFBGA (8x8)	Data Converters	-
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	PC, IrDA, QSPI, SPI, UART/USART, USB		
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	Part#: S1CL0C-P02MCC0-3000 Description: CONN PLUG MALE 2POS GOLD SOLDER	Manufacturers: ODU	RFQ
	Part#: S1C17W22F101100 Description: IC MCU 16BIT 64KB FLASH 128TQFP	Manufacturers: Epson	RFQ
	Part#: S1CL0C-P02MCC0-2500 Description: CONN PLUG MALE 2POS GOLD SOLDER	Manufacturers: ODU	RFQ
	Part#: S1CL0C-P04MCC0-3000 Description: CONN PLUG MALE 4POS GOLD SOLDER	Manufacturers: ODU	RFQ
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	Part#: S1C17W22F101100-90 Description: 16-BIT MCU 4.2MHZ 64KB FLASH 4KB	Manufacturers: Epson	RFQ
	Part#: S1C17W34F001100-40 Description: 16-BIT MCU 4.2MHZ 128KB FLASH 12	Manufacturers: Epson	RFQ
	Part#: S1C17W35F001100 Description: 16-BIT MCU 4.2MHZ 256KB FLASH 12	Manufacturers: Epson	RFQ
	Part#: S1C17W22F00B100 Description: IC MCU 16BIT 64KB FLASH 128TQFP	Manufacturers: Epson	RFQ
	Part#: S1C31W74B201000-348 Description: 32BIT-MCU ARM CORETEX M0+ 21.7MH	Manufacturers: Epson	RFQ
	Part#: S1C17W23F101100-90 Description: 16-BIT MCU 4.2MHZ 96KB FLASH 8KB	Manufacturers: Epson	RFQ

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