
























**S6E2GM8J0AGV2000A**

		<b>Part Number:</b> <a href="#">S6E2GM8J0AGV2000A</a> <b>Manufacturer:</b> <a href="#">Cypress Semiconductor</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 176LQFP <b>Data sheet:</b>  <a href="#">S6E2G Series</a>	<b>RoHS Status:</b> Lead free / RoHS Compliant <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
<p>Images are for reference only. See Product Specifications for product details. Buy S6E2GM8J0AGV2000A with confidence from Component-World.HK, 1 Year Warranty</p>		<input type="button" value="Request For Quotation"/>	

PRODUCT PARAMETER			
Part Number	S6E2GM8J0AGV2000A	Manufacturer	<a href="#">Cypress Semiconductor</a>
Description	IC MCU 32BIT 1MB FLASH 176LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8161 pcs	Data sheet	<a href="#">S6E2G Series</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	176-LQFP (24x24)	Speed	180MHz
Series	FM4 S6E2GM	RAM Size	192K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	176-LQFP	Other Names	428-3729 S6E2GM8J0AGV20000 S6E2GM8J0AGV20000-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	153	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4F FM4 S6E2GM Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 176-LQFP (24x24)
Data Converters	A/D 32x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F	Connectivity	CANbus, CSIO, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, SD, SmartCard, SPI, UART/USART, USB

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	Part#: <a href="#">S6E2GK8HHAGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GK8J0AGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2H14F0AGV20000</a> Description: IC MCU 32BIT 288KB FLASH 100LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
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	Part#: <a href="#">S6E2GM6HHAGV2000A</a> Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM8H0AGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM6H0AGV2000A</a> Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2H16G0AGB3000A</a> Description: IC MCU 32BIT 544KB FLASH 121BGA	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GK8H0AGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM6JHAGV2000A</a> Description: IC MCU 32BIT 512KB FLASH 176LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2H14E0AGV20000</a> Description: IC MCU 32BIT 288KB FLASH 80LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM8JHAGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM8HHAGV2000A</a> Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2GM6J0AGV2000A</a> Description: IC MCU 32BIT 512KB FLASH 176LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
	Part#: <a href="#">S6E2H16G0AGV20000</a> Description: IC MCU 32BIT 544KB FLASH 120LQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<input type="button" value="RFQ"/>
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