





Cypress Semiconductor


## S6E2C59J0AGV2000A

Part Number:	S6E2C59J0AGV2000A
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 1.5MB FLASH 176LQFP
Datasheets:	 S6E2C59J0AGV2000A.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	4224 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.









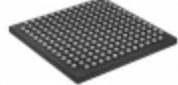
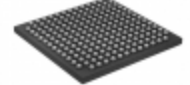


### Specifications of S6E2C59J0AGV2000A

PART NUMBER	S6E2C59J0AGV2000A
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 1.5MB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4224 pcs
DATA SHEET	 S6E2C59J0AGV2000A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
SPEED	200MHz
SERIES	FM4 S6E2C5
RAM SIZE	192K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.5MB (1.5M x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	176-LQFP
OTHER NAMES	S6E2C59J0AGV20000 S6E2C59J0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	152
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 S6E2C5 Microcontroller IC 32-Bit 200MHz 1.5MB (1.5M x 8) FLASH 176-LQFP (24x24)
DATA CONVERTERS	A/D 32x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SD, SPI, UART/USART, USB

### Related Tags

Cypress Semiconductor S6E2C59J0AGV2000A	S6E2C59J0AGV2000A Distributor	S6E2C59J0AGV2000A Supplier
S6E2C59J0AGV2000A Price	S6E2C59J0AGV2000A Pictures	S6E2C59J0AGV2000A Image
S6E2C59J0AGV2000A PDF Datasheet	S6E2C59J0AGV2000A Download Datasheet	S6E2C59J0AGV2000A Datasheet
S6E2C59J0AGV2000A Stock	Buy S6E2C59J0AGV2000A	Buy Cypress Semiconductor S6E2C59J0AGV2000A
Cypress Semiconductor S6E2C59J0AGV2000A	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor S6E2C59J0AGV2000A	Cypress Semiconductor Corp S6E2C59J0AGV2000A	

### Related Products

 <p><b>S6E2CC8H0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 4738 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C59L0AGL2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1.5MB FLASH 216LQFP In stock: 4835 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>
 <p><b>S6E2C5AJ0AGB1000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 2MB FLASH 192BGA In stock: 5831 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C58H0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 4607 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>
 <p><b>S6E2C58J0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 4585 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C5AH0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 5367 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>
 <p><b>S6E2C5AJ0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 3970 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C59H0AGV2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1.5MB FLASH 144LQFP In stock: 4672 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>
 <p><b>S6E2C58J0AGB1000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 192BGA In stock: 5574 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C59J0AGB1000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1.5MB FLASH 192BGA In stock: 6159 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>
 <p><b>S6E2C5AL0AGL2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 2MB FLASH 216LQFP In stock: 5667 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>	 <p><b>S6E2C58L0AGL2000A</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 216LQFP In stock: 4915 pcs</p> <p><a href="#" style="background-color: gray; color: white; padding: 2px 5px;">RFQ</a></p>