

<b>S6E2DF5G0AGB3000A</b>	
Part Number	<a href="#">S6E2DF5G0AGB3000A</a>
Manufacturer	<a href="#">Cypress Semiconductor</a>
Description	IC MCU 32BIT 384KB FLASH 161BGA
Quantity Available	500 pcs in stock
Datasheets	<a href="#">S6E2DF5G0AGB3000A.pdf</a>
S6E2DF5G0AGB3000A Price	<a href="#">Request Price &amp; Lead Time Online</a> or Email us: <a href="mailto:Info@ariat-tech.com">Info@ariat-tech.com</a>


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Technical Information of S6E2DF5G0AGB3000A			
Manufacturer Part Number	<a href="#">S6E2DF5G0AGB3000A</a>	Category	Integrated Circuits (ICs)
Manufacturer	<a href="#">Cypress Semiconductor</a>	Description	IC MCU 32BIT 384KB FLASH 161BGA
Package / Case	Tray	Quantity Available	500
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V	Supplier Device Package	161-FBGA (8x8)
Speed	160MHz	Series	FM4 S6E2DF
RAM Size	36K x 8	Program Memory Type	FLASH
Program Memory Size	384KB (384K x 8)	Peripherals	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
Packaging	Tray	Package / Case	161-TFBGA
Other Names	S6E2DF5G0AGB30000 S6E2DF5G0AGB30000-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	98
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 S6E2DF Microcontroller IC 32-Bit 160MHz 384KB (384K x 8) FLASH 161-FBGA (8x8)	Data Converters	A/D 24x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SD, SPI, UART/USART, USB		

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Related parts for S6E2DF5G0AGB3000A				
Image	Part Number	Description	Manufacturer	Quantity
	<a href="#">S6E2D35GJAMV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DF5GJAMV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DF5G0AGE20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2DF5J0AGV2000A</a>	IC MCU 32BIT 384KB FLASH 176LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2D35J0AGV2000A</a>	IC MCU 32BIT 384KB FLASH 176LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DF5G0AGV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D35G0AGV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D35G0AGE20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D55G0AGV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D35G0AGB3000A</a>	IC MCU 32BIT 384KB FLASH 161BGA	Cypress Semiconductor	500 pcs
	<a href="#">S6E2DH5GJAMV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DH5G0AGV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D55G0AGB3000A</a>	IC MCU 32BIT 384KB FLASH 161BGA	Cypress Semiconductor	500 pcs
	<a href="#">S6E2G26H0AGV2000A</a>	IC MCU 32BIT 512KB FLASH 144LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2D55G0AGE20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2DH5G0AGE20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor	500 pcs
	<a href="#">S6E2D55GJAMV20000</a>	IC MCU 32BIT 384KB FLASH 120LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DH5J0AGV2000A</a>	IC MCU 32BIT 384KB FLASH 176LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2D55J0AGV2000A</a>	IC MCU 32BIT 384KB FLASH 176LQFP	Cypress Semiconductor Corp	500 pcs
	<a href="#">S6E2DH5G0AGB3000A</a>	IC MCU 32BIT 384KB FLASH 161BGA	Cypress Semiconductor	500 pcs

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