



Cypress Semiconductor



Image may be representation. See specifications for product details.

S6E1C12D0AGV20000

Part Number:	S6E1C12D0AGV20000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 128KB FLASH 64LQFP
Datasheets:	 S6E1C12D0AGV20000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22801 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

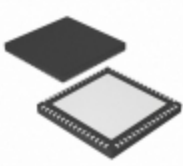
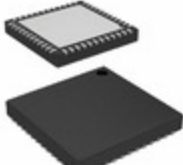
Specifications of S6E1C12D0AGV20000

PART NUMBER	S6E1C12D0AGV20000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22801 pcs
DATA SHEET	 S6E1C12D0AGV20000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	40MHz
SERIES	FM0+ S6E1C1
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	428-3801 S6E1C12D0AGV20000-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	54
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ FM0+ S6E1C1 Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	CSIO, I ² C, LINbus, SmartCard, UART/USART

Related Tags

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