



Cypress Semiconductor

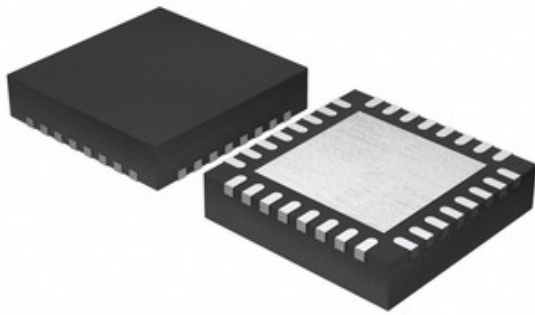


Image may be representation. See specifications for product details.

CY8C4045LQI-S412

Part Number:	CY8C4045LQI-S412
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 32KB FLASH 32QFN
	PDF 1.CY8C4045LQI-S412.pdf
	PDF 2.CY8C4045LQI-S412.pdf
	PDF 3.CY8C4045LQI-S412.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

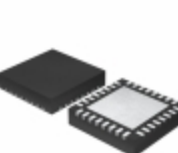
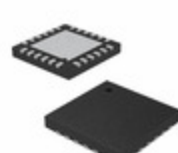
Specifications of CY8C4045LQI-S412

PART NUMBER	CY8C4045LQI-S412
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 32KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.CY8C4045LQI-S412.pdf PDF 2.CY8C4045LQI-S412.pdf PDF 3.CY8C4045LQI-S412.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	48MHz
SERIES	PSOC® 4 CY8C4000S
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-UFQFN Exposed Pad
OTHER NAMES	428-4160 CY8C4045LQI-S412-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	27
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®-M0+ PSOC® 4 CY8C4000S Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART

Related Tags

Cypress Semiconductor CY8C4045LQI-S412	CY8C4045LQI-S412 Distributor	CY8C4045LQI-S412 Supplier
CY8C4045LQI-S412 Price	CY8C4045LQI-S412 Pictures	CY8C4045LQI-S412 Image
CY8C4045LQI-S412 PDF Datasheet	CY8C4045LQI-S412 Download Datasheet	CY8C4045LQI-S412 Datasheet
CY8C4045LQI-S412 Stock	Buy CY8C4045LQI-S412	Buy Cypress Semiconductor CY8C4045LQI-S412
Cypress Semiconductor CY8C4045LQI-S412	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor CY8C4045LQI-S412	Cypress Semiconductor Corp CY8C4045LQI-S412	

Related Products

 CY8C4045FNI-S412T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 25WLCSP In stock: Out stock RFQ	 CY8C4045AZI-S413 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: Out stock RFQ
 CY8C4124AZI-443 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 16 pcs RFQ	 CY8C4045LQI-S411T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: Out stock RFQ
 CY8C4045AZI-S413T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: Out stock RFQ	 CY8C4124AXI-443 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 44TQFP In stock: Out stock RFQ
 CY8C4124AZI-S413 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: Out stock RFQ	 CY8C4124AXI-443T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 44TQFP In stock: Out stock RFQ
 CY8C4045FNI-DS402T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 25WLCSP In stock: Out stock RFQ	 CY8C4045PVI-DS402 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 28SSOP In stock: 231 pcs RFQ
 CY8C4045LQI-S412T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 CY8C4045LQI-S411 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: 466 pcs RFQ