




Cypress Semiconductor

CY8C4045FNI-S412T

Part Number:	CY8C4045FNI-S412T
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 32KB FLASH 25WLCSP
Datasheets:	1.CY8C4045FNI-S412T.pdf 2.CY8C4045FNI-S412T.pdf 3.CY8C4045FNI-S412T.pdf
RoHs Status:	 Lead free / RoHS Compliant
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 CY8C4045FNI-S412T

PART NUMBER	CY8C4045FNI-S412T
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 32KB FLASH 25WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.CY8C4045FNI-S412T.pdf 2.CY8C4045FNI-S412T.pdf 3.CY8C4045FNI-S412T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	25-WLCSP
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	Tape & Reel (TR)
PACKAGE / CASE	25-XFBGA, WLCSP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	21
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 25-WLCSP
DATA CONVERTERS	A/D 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART

Related Tags

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CY8C4045FNI-S412T Price	CY8C4045FNI-S412T Pictures	CY8C4045FNI-S412T Image
CY8C4045FNI-S412T PDF Datasheet	CY8C4045FNI-S412T Download Datasheet	CY8C4045FNI-S412T Datasheet
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Cypress Semiconductor CY8C4045FNI-S412T	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor CY8C4045FNI-S412T	Cypress Semiconductor Corp CY8C4045FNI-S412T	

Related Products

 <p>CY8C4045AZI-S413T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: Out stock RFQ</p>	 <p>CY8C4025LQI-S412T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ</p>
 <p>CY8C4045LQI-S412 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 629 pcs RFQ</p>	 <p>CY8C4045PVI-DS402 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 28SSOP In stock: 231 pcs RFQ</p>
 <p>CY8C4045LQI-S412T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ</p>	 <p>CY8C4045AZI-S413 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: Out stock RFQ</p>
 <p>CY8C4124AXI-443 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 44TQFP In stock: Out stock RFQ</p>	 <p>CY8C4045FNI-DS402T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 25WLCSP In stock: Out stock RFQ</p>
 <p>CY8C4045LQI-S411T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: Out stock RFQ</p>	 <p>CY8C4025LQI-S412 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ</p>
 <p>CY8C4025LQI-S411T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: Out stock RFQ</p>	 <p>CY8C4045LQI-S411 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: 466 pcs RFQ</p>