



Cypress Semiconductor



Image may be representation. See specifications for product details.

CYBLE-013025-00

Part Number:	CYBLE-013025-00
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC RF TXRX+MCU BLE 4.1 31SMT
Datasheets:	 CYBLE-013025-00.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of CYBLE-013025-00

PART NUMBER	CYBLE-013025-00
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC RF TXRX+MCU BLE 4.1 31SMT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 CYBLE-013025-00.pdf
VOLTAGE - SUPPLY	2.3 V ~ 3.6 V
UTILIZED IC / PART	-
SERIES	EZ-BLE™ PRoC™
SERIAL INTERFACES	I²C, SPI, UART
SENSITIVITY	-94dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.1
POWER - OUTPUT	4dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	Module
OTHER NAMES	428-4512-2
OPERATING TEMPERATURE	-30°C ~ 85°C (TA)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	GFSK
MEMORY SIZE	128kB Flash, 60kB SRAM
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	2.402GHz ~ 2.48GHz
DATA RATE	1.5Mbps
CURRENT - TRANSMITTING	22mA
CURRENT - RECEIVING	26mA
ANTENNA TYPE	Integrated, Trace

Related Tags

Cypress Semiconductor CYBLE-013025-00	CYBLE-013025-00 Distributor	CYBLE-013025-00 Supplier
CYBLE-013025-00 Price	CYBLE-013025-00 Pictures	CYBLE-013025-00 Image
CYBLE-013025-00 PDF Datasheet	CYBLE-013025-00 Download Datasheet	CYBLE-013025-00 Datasheet
CYBLE-013025-00 Stock	Buy CYBLE-013025-00	Buy Cypress Semiconductor CYBLE-013025-00
Cypress Semiconductor CYBLE-013025-00	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor CYBLE-013025-00	Cypress Semiconductor Corp CYBLE-013025-00	

Related Products

 CYBL11573-56LQXIT Manufacturers: Cypress Semiconductor Description: PROC BLE In stock: Out stock RFQ	 CYBL11573-76FLXIT Manufacturers: Cypress Semiconductor Description: IC RF TXRX+MCU BLUETOOTH 76WLCSP In stock: Out stock RFQ
 CYBL11573-76FNXIT Manufacturers: Cypress Semiconductor Description: BLUETOOTH MODULE In stock: Out stock RFQ	 CYBLE-012012-10 Manufacturers: Cypress Semiconductor Description: MOD EZ-BLE 4.2 PROC 48MHZ 22SMD In stock: 811 pcs RFQ
 CYBLE-013025-EVAL Manufacturers: Cypress Semiconductor Description: EVAL BLUETOOTH WICED MODULE In stock: 9 pcs RFQ	 CYBLE-013030-00 Manufacturers: Cypress Semiconductor Description: IC RF TXRX+MCU BLE 4.1 31SMT In stock: 475 pcs RFQ
 CYBLE-012011-00 Manufacturers: Cypress Semiconductor Description: RF TXRX MOD BLUETOOTH TRACE ANT In stock: Out stock RFQ	 CYBLE-022001-00 Manufacturers: Cypress Semiconductor Description: RF TXRX MOD BLUETOOTH CHIP ANT In stock: Out stock RFQ
 CYBLE-012011-EVAL Manufacturers: Cypress Semiconductor Description: EZ-BLE PROC EVALUATION BOARD In stock: 48 pcs RFQ	 CYBLE-014008-PROG Manufacturers: Cypress Semiconductor Description: MODULE KIT In stock: Out stock RFQ
 CYBLE-014008-EVAL Manufacturers: Cypress Semiconductor Description: DEVELOPMENT KIT CYBLE-014008 In stock: 6 pcs RFQ	 CYBLE-014008-00 Manufacturers: Cypress Semiconductor Description: RF TXRX MOD BLUETOOTH TRACE ANT In stock: Out stock RFQ