



STA2500DCTR

Part Number:	STA2500DCTR
Manufacturer/Brand:	STMicroelectronics
Product description	IC RF TXRX+MCU BLUETOOTH 48LFBGA
Datasheets:	 STA2500DCTR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	24828 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of STA2500DCTR

PART NUMBER	STA2500DCTR
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 48LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24828 pcs
DATA SHEET	 STA2500DCTR.pdf
VOLTAGE - SUPPLY	1.65 V ~ 2.85 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I²C, JTAG, SPI, UART
SENSITIVITY	-88dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v2.1 +EDR
POWER - OUTPUT	8dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-LFBGA
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	8DPSK, DQPSK, GFSK
MEMORY SIZE	-
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	10
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Bluetooth Bluetooth v2.1 +EDR 2.4GHz 48-LFBGA
DATA RATE (MAX)	3Mbps
CURRENT - TRANSMITTING	23mA ~ 35.4mA
CURRENT - RECEIVING	35.4mA

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