



STMicroelectronics



STA2500D

Part Number:	STA2500D
Manufacturer/Brand:	STMicroelectronics
Product description	IC RF TXRX+MCU BLUETOOTH 48LFBGA
Datasheets:	 STA2500D.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of STA2500D

PART NUMBER	STA2500D
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 48LFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 STA2500D.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	Tray
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

Related Tags

STMicroelectronics STA2500D	STA2500D Distributor	STA2500D Supplier
STA2500D Price	STA2500D Pictures	STA2500D Image
STA2500D PDF Datasheet	STA2500D Download Datasheet	STA2500D Datasheet
STA2500D Stock	Buy STA2500D	Buy STMicroelectronics STA2500D
STMicroelectronics STA2500D	STMicroelectronics Supplier	STMicroelectronics Distributor
STMicroelectronics STA2500D		

Related Products

 STA3004 Manufacturers: STMicroelectronics Description: IC RADIO PROCESSOR AM/FM 144-TQF In stock: Out stock RFQ	 STA2165N2 Manufacturers: STMicroelectronics Description: IC AUDIO INFOTAINMENT In stock: Out stock RFQ
 STA2500DC Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU BLUETOOTH 48LFBGA In stock: Out stock RFQ	 STA3004TR Manufacturers: STMicroelectronics Description: IC RADIO PROCESSOR AM/FM 144-TQF In stock: Out stock RFQ
 STA2065P2 Manufacturers: STMicroelectronics Description: IC AUDIO INFOTAINMENT In stock: Out stock RFQ	 STA2500DTR Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU BLUETOOTH 48LFBGA In stock: Out stock RFQ
 STA2500DCTR Manufacturers: STMicroelectronics Description: IC RF TXRX+MCU BLUETOOTH 48LFBGA In stock: Out stock RFQ	 STA22702W Manufacturers: Mallory Sonalert Products Description: AUDIO PIEZO IND 12-24V CHASSIS In stock: Out stock RFQ
 STA2165X2 Manufacturers: STMicroelectronics Description: IC AUDIO INFOTAINMENT In stock: Out stock RFQ	 STA3005TR Manufacturers: STMicroelectronics Description: IC RADIO PROCESSOR AM/FM 144-TQF In stock: Out stock RFQ
 STA2165A2 Manufacturers: STMicroelectronics Description: IC AUDIO INFOTAINMENT In stock: Out stock RFQ	 STA2065N2 Manufacturers: STMicroelectronics Description: IC AUDIO INFOTAINMENT In stock: Out stock RFQ