



SparkFun

## WRL-12577

Part Number:	WRL-12577
Manufacturer/Brand:	SparkFun
Product description:	RF TXRX BLUETOOTH TRACE ANT
Datasheets:	<a href="#">1.WRL-12577.pdf</a> <a href="#">2.WRL-12577.pdf</a> <a href="#">3.WRL-12577.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4102 pcs stock
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 WRL-12577

PART NUMBER	WRL-12577
MANUFACTURER	SparkFun
DESCRIPTION	RF TXRX BLUETOOTH TRACE ANT
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4102 pcs
DATA SHEET	<a href="#">1.WRL-12577.pdf</a> <a href="#">2.WRL-12577.pdf</a> <a href="#">3.WRL-12577.pdf</a>
VOLTAGE - SUPPLY	3.3 V ~ 6 V
UTILIZED IC / PART	BlueCore4
SERIES	-
SERIAL INTERFACES	SPI, UART, USB
SENSITIVITY	-86dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v2.1
POWER - OUTPUT	2dBm
PACKAGING	Bulk
PACKAGE / CASE	35-SMD Module
OTHER NAMES	12577 1568-1133
OPERATING TEMPERATURE	-40°C ~ 85°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MODULATION	FHSS, GFSK
MEMORY SIZE	-
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	2.4GHz
DATA RATE	3Mbps
CURRENT - TRANSMITTING	40mA
CURRENT - RECEIVING	40mA
ANTENNA TYPE	Integrated, Trace

### Related Tags

SparkFun WRL-12577	WRL-12577 Distributor	WRL-12577 Supplier
WRL-12577 Price	WRL-12577 Pictures	WRL-12577 Image
WRL-12577 PDF Datasheet	WRL-12577 Download Datasheet	WRL-12577 Datasheet
WRL-12577 Stock	Buy WRL-12577	Buy SparkFun WRL-12577
SparkFun WRL-12577	SparkFun Supplier	SparkFun Distributor
SparkFun WRL-12577	SparkFun Electronics WRL-12577	

### Related Products

<p><b>WRL-11812</b> Manufacturers: SparkFun Description: SPARKFUN XBEE EXPLORER USB In stock: 3960 pcs <b>RFQ</b></p>	<p><b>WRL-12579</b> Manufacturers: SparkFun Description: SPARKFUN BLUETOOTH MODULE BREAKO In stock: 5964 pcs <b>RFQ</b></p>
<p><b>WRL-11924</b> Manufacturers: SparkFun Description: SPARKFUN PURPLETOOTH JAMBOREE - In stock: 3758 pcs <b>RFQ</b></p>	<p><b>WRL-12580</b> Manufacturers: SparkFun Description: SPARKFUN BLUETOOTH MATE GOLD In stock: 3000 pcs <b>RFQ</b></p>
<p><b>WRL-12582</b> Manufacturers: SparkFun Description: BLUETOOTH MODEM BLUESMIRF GOLD In stock: 2755 pcs <b>RFQ</b></p>	<p><b>WRL-12847</b> Manufacturers: SparkFun Description: XBEE SHIELD WIRELESS In stock: 6997 pcs <b>RFQ</b></p>
<p><b>WRL-12072</b> Manufacturers: SparkFun Description: SPARKFUN WIFI BREAKOUT - CC3000 In stock: 6134 pcs <b>RFQ</b></p>	<p><b>WRL-12576</b> Manufacturers: SparkFun Description: SPARKFUN BLUETOOTH MATE SILVER In stock: 4175 pcs <b>RFQ</b></p>
<p><b>WRL-12823</b> Manufacturers: SparkFun Description: RFM69 BREAKOUT 434MHZ In stock: 10658 pcs <b>RFQ</b></p>	<p><b>WRL-11927</b> Manufacturers: SparkFun Description: SPARKFUN BLUETOOTH AUDIO BREAKOU In stock: 6966 pcs <b>RFQ</b></p>
<p><b>WRL-12775</b> Manufacturers: SparkFun Description: RFM69 BREAKOUT 915MHZ In stock: 8308 pcs <b>RFQ</b></p>	<p><b>WRL-11777</b> Manufacturers: SparkFun Description: RN-52 BLUETOOTH WIRELESS MODULE In stock: 6715 pcs <b>RFQ</b></p>