

STA2500DC Information


For Reference Only

Part Number [STA2500DC](#)
Manufacturer STMicroelectronics
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX+MCU BLUETOOTH 48LFBGA
Package 48-LFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



[Request a Quote](#)

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


STA2500DC Specifications

Manufacturer Part Number	STA2500DC
Manufacturer	STMicroelectronics
Category	RF/IF and RFID RF Transceiver ICs
Package	48-LFBGA
Series	-
Type	TxRx + MCU
RF Family/Standard	Bluetooth
Protocol	Bluetooth v2.1 +EDR
Modulation	8DPSK, DQPSK, GFSK
Frequency	2.4GHz
Data Rate (Max)	3Mbps
Power - Output	8dBm
Sensitivity	-88dBm
Memory Size	-
Serial Interfaces	I2C, JTAG, SPI, UART
GPIO	10
Voltage - Supply	1.65 V ~ 2.85 V
Current - Receiving	35.4mA
Current - Transmitting	23mA ~ 35.4mA
Operating Temperature	-40°C ~ 85°C
Package / Case	48-LFBGA

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STA2500DC Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

STA2500DC Payment Methods



STA2500DC Shipping Methods



If you have any question about STA2500DC, please do not hesitate to contact us!

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