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ns600

Wireless 2.4 GHz Smart Module

Achieve the **lowest** possible
power consumption
for your application with this **fully**
configurable multichannel RF module

Feature

- Fully configurable 2.4 Ghz transceiver.
- range up to 70 m.
- Integrated high performance antenna.
- CE marked.
- Small size.

Key benefits

- Easy to integrate.
- Short time to market.
- Ultra low power.
- Low cost.
- Ideal for battery powered systems

Board Specifications

- Size 20x30 mm²
- Interface 2*10 Pin Header
- GPIO/ADC (10 bits) 8 (Configurable)
- Available Ports UART, SPI, I2C
- On Board Memory 16K Flash, 4K RAM
- Temperature Range -40°C to +85°C
- RoHS Compliant Yes
- Power Supply 2.7 V. to 3.6 V
Recommended 3.3 V
- Typical Current Consumption
In Sleep Mode <50 µA.
In Active Mode ~20 mA.

RF Specifications

- RF Frequency 2400 – 2483.5 MHz
- Data rate Up to 500 kbps
- Tx Power Up to 0 dBm
- Rx Sensitivity -101 dBm @10kbps,
-90 dBm @250 kbps,
- Low Power
Rx 14.3 mA
Tx 21.8 mA @ 0 dBm
- Full Packet Handling
- Up to 255 Channels



Actual size