

ERF2001

easyRF

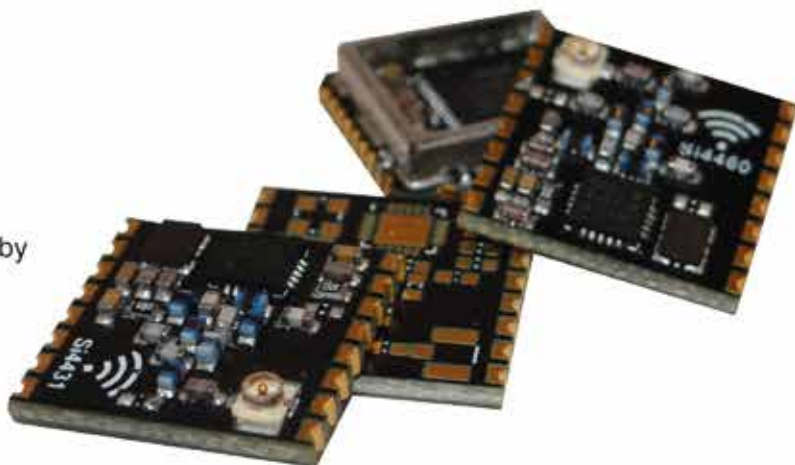
High-performance, low power transceiver for 868MHz



Small, Smart, Simple... easyRF!

Features

- 868MHz Frequency range
- 121dBm Sensitivity
- Up to +13 output power range
- Low active power consumption
- Ultra low current power down modes, 50nA standby
- ETSI class-I operation with SAW
- Size: 16mm x 16mm x 4mm

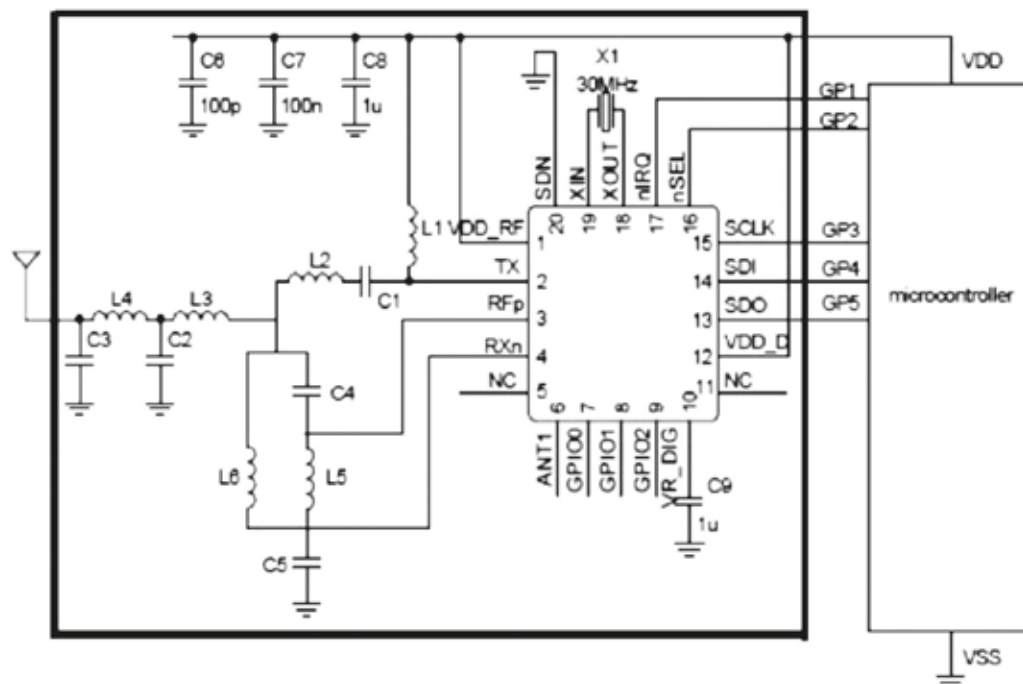


Discover more on: www.easyRF.eu

Product	ERF2001
RF specs	<ul style="list-style-type: none"> - 868MHz Frequency range - -126dBm Sensitivity - Up to +13dBm output power range - Antenna diversity and T/R switch control - Auto frequency control (AFC) - Automatic gain control (AGC) - Up to 1Mbps data rate - Based on Si4460
Peripherals	<ul style="list-style-type: none"> - Temperature sensor - SPI interface - GPIO
Power	<ul style="list-style-type: none"> - 1.8~3.6V Supply voltage - 30nA Shutdown mode - 50nA Standby mode - 18mA@+10dBm Transmit - Low battery detector
Size	- 16mm x 16mm x 4mm



Block diagram



easyRF delivers easy-to-use products

IoT - Internet of Things modules, RF-tranceivers, easyTracer modules, Antennas, RF-cable assemblies, RF-connectors