mURM Evaluation Board

Technical Specification

Air Interface Protocol:	EPCglobal UHF Class 1 Gen 2
Frequency:	865 - 868Mhz
Number of Channels:	4 channels
Supported Region:	ETSI (Europe) - ETSI EN 302 208
RF Power Output:	max. 14dBm
Antenna Connection:	SMA, 50ohm
Tag Communication Rate:	40 kbps
Read Range:	Up to 1 m
Tag Read Rate:	Up to 50 tags/second
Interfaces:	USB 2.0 connectivity
	It appears as USB serial port
	USB mini-B connector
	RS232
	2 x UART, SPI
I/O:	9 GPIOs
	4 x push buttons
	4 x LEDs
	buzzer
Power supply:	external 3.3 VDC
	5 VDC (Powered by USB interface)
	external 6 to 30 VDC
	Max. 200mA
Operating Temperature:	-20°C to +55°C
Dimensions:	120mm L x 80mm W x 15mm H