

## Mioty plug-in 1.0

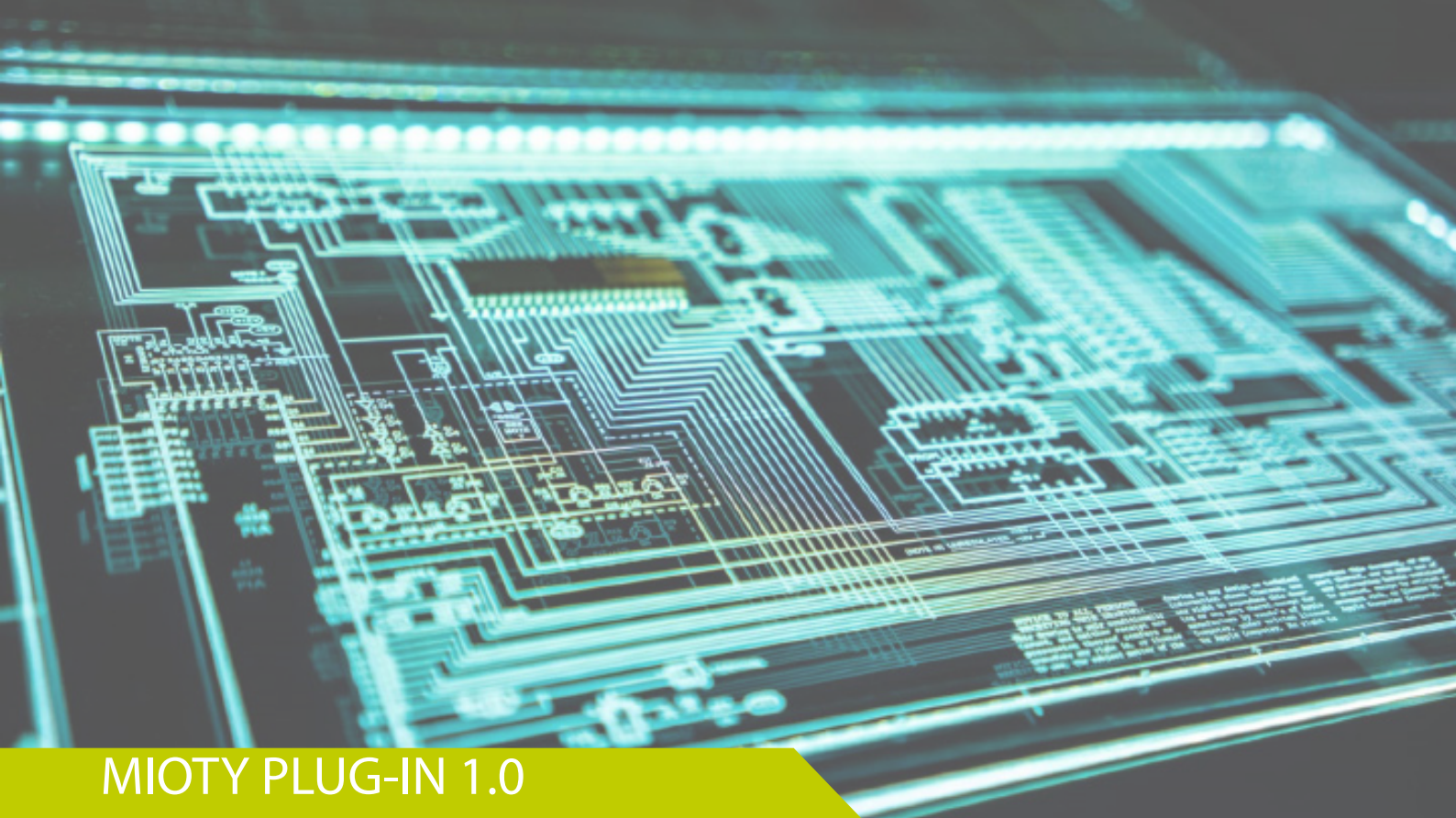
The Mioty Plug in front end is compact Software Defined Radio (SDR) front end for Internet of Things (IoT) base station applications together with a Unified Gateway.



### Description:

Mioty plug-in for Unified Gateway is based on a raunhofer reference design. An integrated transceiver converts the RF signals to and from the digital baseband. The transmitter supports output powers of up to 14 dBm. The front end uses a 40-pin GPIO interface to Wittra Unified Gateway for baseband (IQ) data, control information, firmware update and power supply.

SPECIFICATION	
Size	65mm x 49mm PCBA
Weight	0.09kg
Operating Temperature	0°C to +50°C
Physical Interface	40-pin GPIO interface for connection to Unified Gateway
Antenna Interface	RP-SMA connector to connect to custom Unified Gateway antenna interface
Maximum Input Power	1.2A @5V
Input Voltage Range	4.5 – 5.5 Volts DC
Nominal Channel Center Frequency	869,4750244 MHz and 869,575 MHz (EU)
Operating Channel Width	200 kHz (2 x 100kHz)
Max. Transmit Power	14dBm (25mW) ERP
Regulatory Compliance	CE (EU) or FCC (USA)



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## DIAGRAM

