



**A528**  
**OEM UHF multiregional compact reader based on Intel® RFID Technology**

Technical Specifications Table	
<b>Frequency</b>	902÷928 MHz (FCC part 15) 865.600÷867.600 (ETSI EN 302 208)
<b>Output Power</b>	Programmable in 8 steps up to 500 mW @ 5 V (27 dBm)
<b>Antenna Connector</b>	Nr. 1 MMCX type
<b>Frequency Tolerance</b>	±10 ppm over the entire temperature range
<b>Number of Channels</b>	10 channels (compliant to ETSI EN 302 208) 50 hopping channels (compliant to FCC part 15)
<b>Standard Compliance</b>	EPC C1G2
<b>Digital I/O</b>	Four I/O lines 3.3V out, 5V tolerant
<b>UART Serial Port</b>	Baudrate: 115200 Databits: 8 Stopbits: 1 Parity: none Flow control: none 3.3 V out, 5 V tolerant 9.6÷115 kbit/s data rate (settable)
<b>USB Device Port</b>	One USB 2.0 Full Speed (12 Mbits per second) device port.
<b>Dimensions</b>	42 x 60 x 6.3 mm <sup>3</sup> (1.65 x 2.36 x 0.25 inches <sup>3</sup> )
<b>Electrical Power</b>	1A peak @ 5 V (TX/RX mode) 230 mA @ 5 V (idle mode)
<b>Operating Temperature</b>	-20 °C to 60 °C
<b>Weight</b>	16 g

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