



**A828**  
OEM UHF compact RFID reader

Technical Specifications Table	
<b>Frequency</b>	869.525 MHz (ETSI EN 300 220) - ETSI version 912.500 ÷ 917.400 MHz (FCC part 15) - FCC version
<b>Output Power</b>	Fixed, 50 mW (17 dBm)
<b>Antenna Connector</b>	Nr. 1 MMCX type
<b>Frequency Tolerance</b>	±10 ppm over the entire temperature range
<b>Number of Channel</b>	Single ch. compliant to ETSI EN 300 220 - ETSI version 50 hopping ch. compliant to FCC part 15 - FCC version
<b>Standard Compliance</b>	ISO 18000-6B Philips UCODE EPC 1.19 EPC C1G2
<b>Digital I/O</b>	Five I/O lines 3.3 V out, 5 V tolerant
<b>UART Serial Port</b>	Baudrate: 115200 Databits: 8 Stopbits: 1 Parity: none Flow control: none 3.3 V out, 5 V tolerant 96÷115 kbit/s data rate (settable)
<b>Dimensions</b>	37 x 60 x 6.6 mm <sup>3</sup> (1.46 x 2.36 x 0.26 inches <sup>3</sup> )
<b>Electrical Power</b>	180 mA @ 5 V (TX/RX mode) 80 mA @ 5 V (idle mode) 200 µA @ 5 V (stby mode)
<b>Operating Temperature</b>	-20 °C to 60 °C
<b>Weight</b>	17 g

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