



Preliminary datasheet

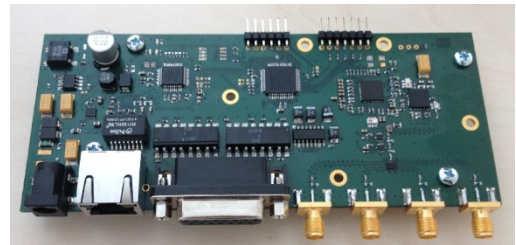
AutoEPCIS UHF RFID Reader

EUREKA Project E!7592



Features

- **EPC Class 1 Gen 2** (ISO 18000-6A/B and ISO 29143)
- **4 Antennas SMA Ports**
- **Up to 29 dBm Output Power**
- Antenna detection : SWR measurement algorithm
- DRM: 250 kHz and 320 kHz filters for M4 and M8
- ASK, PR-ASK Modulation
- **RS232 Interface, Ethernet Interface, GPIO**
- Protocols: LLRP, Service (control) protocol
- Power : DC / POE
- Low Cost



Technical Data

Power Supply	5 VDC, 48 VDC by POE
Current Consumption	Idle Mode < 340 mA Scan Mode: 540 mA @ 25 dBm, 650 mA @ 30 dBm
Operating Frequency	865–868 MHz for ETSI regions, 902–928 MHz for FCC regions
Transmitting Power	11–29 dBm adjustable, step 1.1dBm
Modulation	PR-ASK, ASK
Receiving sensitivity	from -67 dBm to -89dBm
Antenna Connection	4 × 50 Ω SMA female connector
RF Diagnostic	Antenna port SWR control, AAT automatic antenna tuning
Interface	RS232, Ethernet, GPIO (4/4), Service protocol over UDP, LLRP, Webserver
Supported Transponders	EPC Class 1 Gen 2, anticollision support
Indicators	3 LED (power, error code, rf on/off)

Contact information

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