iRZ MC52PU

MC52PU is a dual-band (900/1800 MHz) GSM modem intended for data transmission via cellular communication networks with GPRS support (class 10) and TCP/IP protocol stack. External interfaces: RS232 serial port, USB connector of type B, TJ6-6P6C power connector. The characteristic feature of this model is powering through USB connector. The main functions include: data transmission by use of CSD and GPRS technologies, reception and transmission of voice signals, faxes and SMS-messages. The modem is controlled by standard AT-commands. **MC52PU** is intended for use in telemetering and telemechanic systems, automatic data acquisition systems, as well as in other systems in which wireless data transmission is required from the systems connected to USB interface.

DUAL-BAND	GSM	GPRS CLASS 10
TCP/IP CONNECTITY	USB POWER FUNCTION	INDUSTRIAL INTERFACES
WATCHDOG TIMER	FAX FUNCTIONALITY	SIM ACCESS PROFILE
EXTENDED TEMPERATURE RANGE		

Frequency bands:

- 900/1800 MHz
- GPRS class 10
- TCP/IP stack

Features:

- Available network protocols: TCP, UDP, HTTP, FTP, SMTP, POP3
- Control by AT-commands (Hayes 3GPP TS 27.007, TS 27.005)
- Toolkit for SIM-applications
- Compatibility with GSM Phase 2/2+
- SMS: MT, MO, CB, Text and PDU modes
- Timer restart function is realized

Specification:

- GPRS class 10 – up to 85.6 kbps
- MS class B
- CSD up to 14.4 kbps
- USSD
- Fax group 3: class 1

Connectors and interfaces:

- Connector DB9 for connection of the data cable (interface RS-232)
- USB B (power via USB)
- Connector FME for GSM antenna connection
- Connector TJ6-6P6C for power supply connection

Electrical characteristics:

Supply available from the USB
Supply voltage range: 9 V ... 30 V
Supply current not more than:
- At 12 V supply voltage - 200 mA
- At 24 V supply voltage - 100 mA

Physical parameters:

- Plastic housing
- Dimension not more than: 69 x 75 x 26 mm
- Weight not more than: 100 g
- Operating temperature range: -40°C to +65°C