

CAB-SER-02

IQRF RS-232 Cable

User's Guide



Smarter wireless. Simply.

Description

CAB-SER-02 serial cable is a converter UART – RS-232.

It is intended to connect IQRF transceiver module to a user device via UART. Direct connection is enabled when the TR module is plugged in the DK-PGM-01 development kit.

CAB-SER-02 is compatible with IQRF application examples for TR utilizing UART.

On PC side any standard UART terminal can be used to control communication.



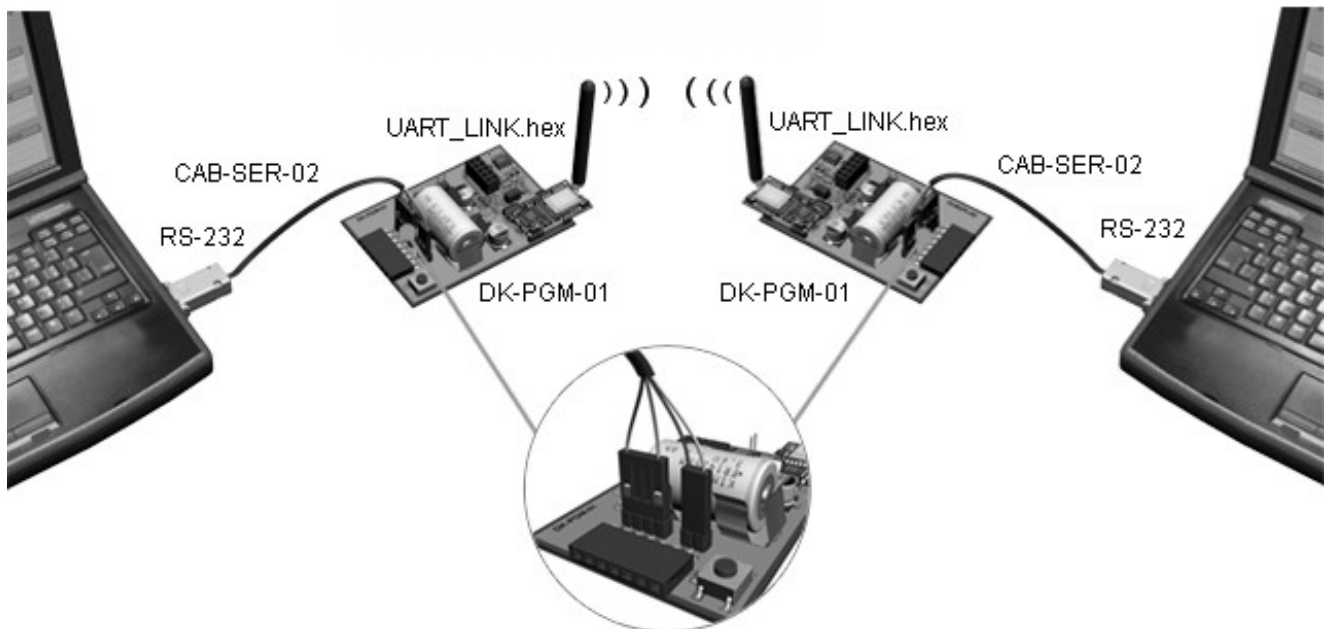
Applications

- Connectivity to standard equipment
- PC connectivity

Key features

- UART – RS-232 converter
- Primarily intended for IQRF – RS-232 interface
- Supports standard UART with 3 V digital levels
- Full duplex asynchronous serial communication
- RX, TX and ground wires
- Standard D-SUB 9F connector
- Compatible with DK-PGM-01 development kit

Typical application



See *UART_LINK* demo example.

Pinning

connector	pin	wire color	signal
single row 2 pin	1	red	power (3.0 V – 5.3 V)
	2	white	ground
single row 4 pin	1	yellow	RX
	4	green	TX
D-SUB 9F	2		RX
	3		TX
	5		ground

Product information

Pack list

- CAB-SER-02 cable

Ordering code

- CAB-SER-02 IQRF RS-232 cable

Recommended options

- DK-PGM-01 IQRF universal development kit
- DS-UART IQRF UART development set

Document history

- 110713 Updated examples
- 100720 Description and Key features slightly revised
- 100116 First release

Sales and Service

Corporate office

MICRORISC s.r.o., Delnicka 222, 506 01 Jicin, Czech Republic, EU
Tel: +420 493 538 125, Fax: +420 493 538 126, www.microrisc.com

Partners and distribution

Please visit www.iqrf.org/partners

Quality management

ISO 9001 : 2000 certified

Complies with ETSI directives EN 30279 V.1.2.1:99, ETS 30683:97, ETSI EN 301489-1:00,
ETSI EN 300220-1:00, ETSI EN 300390-2V.1.1.1:00

Complies with FCC directives FCC CFR, Title 47, Part 15, Section 15.209, FCC CFR, Title 47, Part 15, Section 15.249

Complies with Directive 2002/95/EC (RoHS)



Trademarks

The IQRF name and logo are registered trademarks of MICRORISC s.r.o.
PIC, SPI, Microchip, RFM and all other trademarks mentioned herein are property of their respective owners.

Legal

All information contained in this publication is intended through suggestion only and may be superseded by updates without prior notice. No representation or warranty is given and no liability is assumed by MICRORISC s.r.o. with respect to the accuracy or use of such information.

Without written permission it is not allowed to copy or reproduce this information, even partially.

No licenses are conveyed, implicitly or otherwise, under any intellectual property rights.

The IQRF products utilize several patents (CZ, EU, US)

On-line support: <http://iq-esupport.com>



Smarter wireless. Simply.