➤ JFLEX-SERIALGPIO

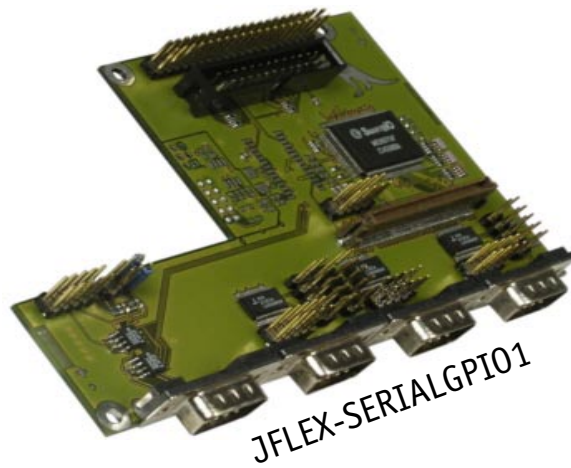JFLEX-SERIALGPIO1

JFLEX-SERIALGPIO-USB

JFLEX-SERIALGPIO-CAN

➤ Maximum flexibility with JFLEX™!

- ➤ up to 4x SERIALS, cablefree for external use
- ➤ 3x internal TTL for touch panels, GPS, etc.
- ➤ 4x 8 bit GPIO
- ➤ Real low cost add-on
- ➤ CAN Bus - optional
- ➤ 2x USB - cablefree - optional

kontron
... always a Jump ahead!

➤ Product Overview

The JFLEX-SERIALGPIO1 enhances JRex/ JFLEX bundles to up to 5x COM besides PCMCIA and USB and scaleable processor classes.
And that is done cable free, simply by stacking the JFLEX on top of a JRex from the embedded line.
4x 8bit GPIO contribute heavily to the systems flexibilty and usabitlity, as they can be freely configured.

The optional CAN-Bus opens the door for automations control as well as test&measurement applications.
Every JRex 3.5" SBC features the interface to mount a JFLEX™. JFLEX™ is an add-on I/O extension module that can be firmly screwed on top of every JRex without harming the JRex foot-print of the 3.5" size. The I/O functionality comes cable free with up to PCI performance at a fraction of the average price of comparable add-on solutions. By keeping it most cable free, low cost is maintained and manual errors are minimized. Stacked on top, the JFLEX concept opens the way for immediately available, low cost and even customizable I/O extensions.

With JRex you stay...

...always a Jump ahead!

➤ Technical Information

JFLEX-SERIALGPIO1 features
4x COM, 32x GPIO, 1x LPT2, CAN option, USB option

DSUB sockets/ surface use
3x RS232, 1x RS485/422
2x USB (option)

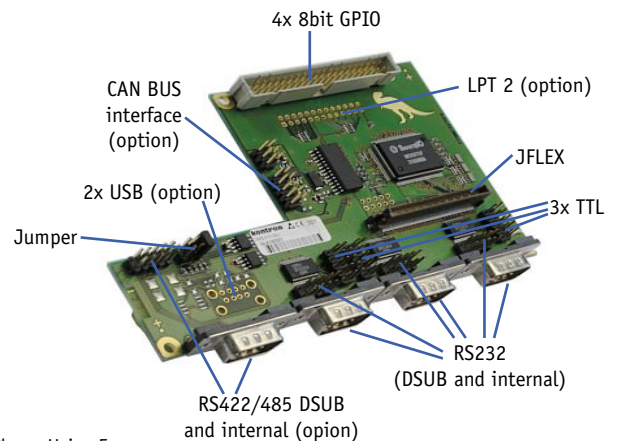| 2,54 mm internal DIN Pinout |
| --- |
| 3x RS232 |
| 1x RS485/422 (Jumper) |
| 3x TTL - alternative to 3x RS232 use |
| 32x 1bit GPIO (4x 8bit) |
| 1x LPT2 |

JFLEX connector
stackthrough for further JFLEX expansions

CAN-Bus (option)
with Philips SJA 1000 controller and with 2,54 mm internal DIN pinout socket (no LPT2)

Dimensions
140,2 x 79,4 mm

Temperature
operation: 0° to 60°C, storage: -10° to 85°C

Humidity
operation: 10% to 90%, storage: 5% to 95% (non condensing)

➤ Ordering Information

Article	Part.-No.	Description
JFLEX-SERIALGPIO1	02055-1111-32-0	I/O extension for JRex boards with: 4x COM (3x RS232, 1x RS485/422, 3x TTL), 4x 8bit GPIO and 1x LPT
JFLEX-SERIALGPIO-CAN	02055-1111-32-1	I/O extension for JRex boards with: 4x COM (3x RS232, 1x RS485/422, 3x TTL), 4x 8bit GPIO and CAN controller
JFLEX-SERIALGPIO-USB	02055-1112-32-0	I/O extension for JRex boards with: 3x COM (3x RS232, 3x TTL), 4x 8bit GPIO, 2x USB ports and 1x LPT

Picture of JRex and JFLEX

4x 8bit GPIO
LPT 2 (option)
CAN BUS interface (option)
JFLEX
2x USB (option)
3x TTL
Jumper
RS232 (DSUB and internal)
RS422/485 DSUB and internal (opion)

➤ Corporate Offices

Europe, Middle East & Africa
Brunnwiesenstr. 16
94469 Deggendorf - Germany

Tel.: +49 (0)991/ 370 24-100
Fax: +49 (0)991/ 370 24-102

sales-kem@kontron.com

US/ Canada
6260 Sequence Drive
San Diego, CA 92121-4371

Tel.: (858) 677-0877
Fax: (858) 677-0898

sales@us.kontron.com

Asia Pacific
5F-1, 341, Sec 4, Chung Hsiao E. Rd, Taipei, Taiwan

Tel: +886 2 2781 5791
Fax: +886 2 2741 7379

sales@kontron.com.tw

kontron
...always a Jump ahead!