

Controller Card BK-AVR2560+16

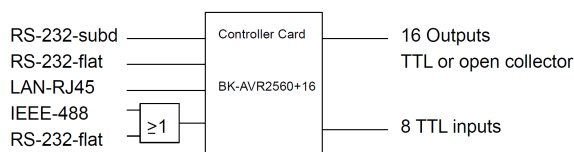
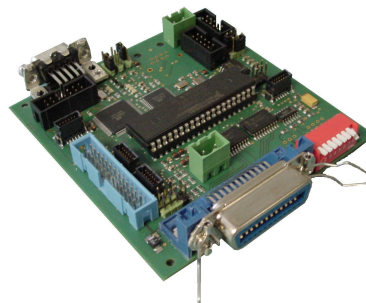
Short description

With the MTS Controller Card BK-AVR2560+16 you can control different components (like relays, attenuators, filters etc.) by several interfaces.

The card is equipped with 3x RS-232, 1x LAN and 1x IEEE-488. The 3rd RS-232 can be used only if the IEEE-488 is not connected.

There are 16 output lines existing selectable as TTL drivers or open collector (2x ULN drivers). Further 8 TTL input lines are integrated for relays indication or connection of manual control buttons.

A special firmware with interface commands can be created to customers wishes on request. Additionally a 1W voltage converter can be mounted on the card.



Technical data:

1 Connections:

1.1 RS-232 interface	1x 9pole Sub-D male, 2x 10pole flat ribbon
1.2 LAN interface	1x RJ45 female
1.3 IEEE-488	1x 24pole ribbon jack
1.4 Outputs	1x 26pole flat ribbon and 2x 12pole SMC male
1.5 Inputs	1x 14pole flat ribbon
1.6 Voltage supply	1x MSTBVA-2,5/2

2 General specifications:

2.1 Power supply	5 V DC
2.2 Power consumption primarily	0,15 A + 0,2 A + 0,1 A (to be add) typical + LAN + IEEE-488 as talker
2.3 Control interface	2x RS-232 1x LAN 1x IEEE-488 or third RS-232 (if IEEE-488 is not used)
2.4 Inputs	8x TTL
2.5 Outputs	16x selectable as TTL or 2x ULN drivers (500 mA each); mixing assembly is possible (has to be defined with ordering)

2.6 Operating temperature	0 °C - +50 °C
2.7 Reference temperature for specifications	+25 °C
2.8 Dimensions (without connections) (L x W)	105 mm x 100 mm
2.9 Weight	0,1 kg

3 Delivered parts:

Controller Card BK-AVR2560+16
CD with operating manual

4 Comments:

Warranty	12 months
RoHS-compliant	Yes

5 Recommended accessories:

Control software
Front or rear panel
USB interface
Voltage converter
Colour display with touch panel