AVR-IO

DEVELOPMENT BOARD FOR 20 PIN AVR MICROCONTROLLER WITH STKXXX COMPATIBLE 10 PIN ICSP

FEATURES

- ICSP 5x2 pin connector for in-circuit programming with AVR-PG1 or AVR-PG2
- DIL20 microcontroller socket
- Status LED connected to PB4
- Reset IC ZM33064
- Quartz crystal oscillator circuit 10MHz
- Voltage regulator +5V, 7805 and filtering capacitors
- Power plug-in jack
- RS232 DB9 female connector , simple level shifter with transistors and diodes
- 4 optocoupler isolated inputs with screw terminals
- Input status LEDs
- 4 relay outputs with 5A/250VAC contacts with screw terminals
- Output status LEDs
- Four mounting holes 3.3 mm (0.13")
- FR-4, 1.5 mm (0.062"), green soldermask, white silkscreen component print
- Dimensions 80x100 mm (3.9 x 3.15")

DOCUMENTS

- AVR-IO User Manual
- AVR-IO Dimensions
- AVR-IO EU Declaration of Conformity

HARDWARE

- AVR-IO Schematic
- AVR ICSP connector (top view)

SOFTWARE

- AVR-IO demo code (C source and HEX)