

## **PB-MC-AVR28 28 Pin AVR Full Size Development Board**

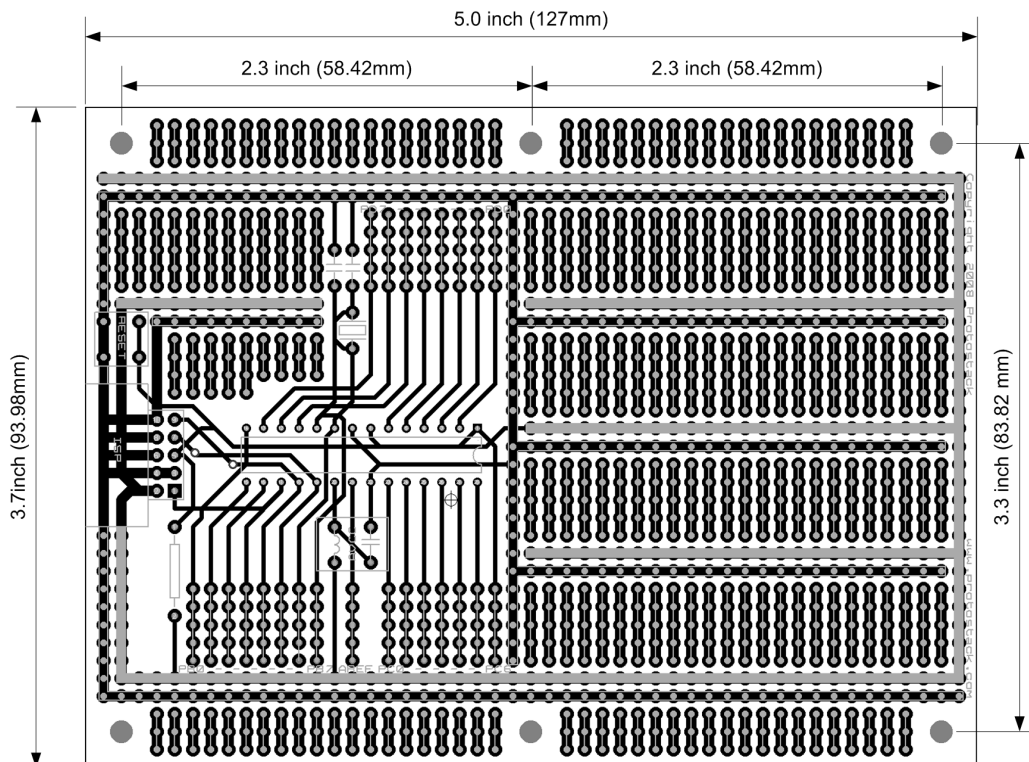
### **Overview**

The Protostack 28 Pin AVR Full Size Development Board is designed for ATMEL AVR Microcontrollers that are available in the PDIP 28 pin package. This board provides the infrastructure necessary to use the microcontroller, “untangles” the I/O ports in order to present them in an orderly fashion, and provides area for the user to add their own circuitry

### **Specifications**

<b>Size:</b>	5" x 3.7" (127 x 93.98mm)
<b>Mounting Holes:</b>	6 x 0.125" (3.175mm)
<b>Component Holes:</b>	1393 x 35mil (0.9mm), 30 x 30mil (0.75mm)
<b>Component Hole Pitch:</b>	0.1" (2.54mm)
<b>Board Material:</b>	FR4
<b>Pad Treatment:</b>	Immersion Tin
<b>Copper Thickness:</b>	1 oz per sqr foot
<b>Track Width:</b>	60 mil for power busses and prototyping section
<b>Supported Microcontrollers:</b>	ATMEL ATMEGA8 ATMEL ATMEGA8L ATMEL ATMEGA48 ATMEL ATMEGA48V ATMEL ATMEGA88 ATMEL ATMEGA88V ATMEL ATMEGA168 ATMEL ATMEGA168L ATMEL AT90S2333 (obsolete) ATMEL AT90S4433 (obsolete)

### **Physical Diagram**



## Circuit Diagram

