



J4

U2  
7805

C1  
100µF

C2  
10µF

C3  
0.1µF

GND

+5VDC

+5VDC

R1  
10K

C16  
0.1µF

MEGA8-AI

PC6(/RESET)	PC0(ADC0)	23
	PC1(ADC1)	24
GND	PC2(ADC2)	25
20	PC3(ADC3)	26
AREF	PC4(ADC4/SDA)	27
AVCC	PC5(ADC5/SCL)	28
	ADC6	19
	ADC7	22
PB6(XTAL1/TOSC1)	PD0(RXD)	30
	PD1(TXD)	31
	PD2(INT0)	32
	PD3(INT1)	1
	PD4(XCK/T0)	2
	PD5(T1)	9
	PD6(AIN0)	10
	PD7(AIN1)	11
	PB0(ICP)	12
	PB1(OC1A)	13
	PB2(SS/OC1B)	14
	PB3(MOSI/OC2)	15
	PB4(MISO)	16
	PB5(SCK)	17

U1

C8  
0.1µF

C5  
22pF

C4  
22pF

XTAL

+5VDC

GND

C6  
0.1µF

C7  
0.1µF

GND

+5VDC

R19  
10K

C17  
0.1µF

R20  
10K

GND

R2  
1.5M

+5VDC

J8

GND