

MCU board    backside view

			promicro		print	nice!nano	nice!nano	print	promicro				RIGHT		LEFT	
COL11	RIGHT	RED R10	D1	PD3(TX)	TXO	P0.06	BAT+ RAW									
COL10		BLACK R9	D0	PD2(RX)	RXI	P0.08	GND GND									
					GND GND		RST RST									
					GND GND		3.3V VCC						YELLOW RS2			
COL9	GREEN RS1		D2	PD1(SDA)	2	P0.17	P0.31	A3	PF4(ADC4)	D21/A3			L6 BLUE	COL5		
COL8		YELLOW R8	D3	PD0(SCL)	3	P0.20	P0.29	A2	PF5(ADC5)	D20/A2			L5 WHITE	COL4		
COL7		GREEN R7	D4/A6	PD4(ADC8)	4	P0.22	P0.02	A1	PF6(ADC6)	D19/A1			L4 ORANGE	COL3		
COL6		BLUE R6	D5	PC6	5	P0.24	P1.15	A0	PF7(ADC7)	D18/A0			L3 BROWN	COL2		
JOYSTICK X		WHITE R5	D6/A7	PD7(ADC10)	6	P1.00	P1.13	15	PB1(SCLK)	D15			L2 GREY	COL1		
ROW0	BLACK RS3		D7	PE6	7	P0.11	P1.11	14	PB3(MISO)	D14			L1 PURPLE	COL0		
ROW1		PURPLE R1	D8/A8	PB4(ADC11)	8	P1.04	P0.10	16	PB2(MOSI)	D16	ORANGE R4		L10 RED	ROW3		
ROW2		GREY R2	D9A9	PB5(ADC12)	9	P1.06	P0.09	10	PB6(ADC13)	D10/A10		RED RS4		JOYSTICK Y		
					L8 YELLOW											
					L9 BLACK											
					L10 RED											

PCB connector

RIGHT			LEFT		
GREEN RS1	→GND		14←	L1 PURPLE	
YELLOW RS2	→VCC		15←	L2 GREY	
BLACK RS3	→6		A0←	L3 BROWN	
RED RS4	→10		A1←	L4 ORANGE	
			A2←	L5 WHITE	
PURPLE R1	→7		A3←	L6 BLUE	
GREY R2	→8		7←	L7 GREEN	
BROWN R3	→9		8←	L8 YELLOW	
ORANGE R4	→16		9←	L9 BLACK	
WHITE R5	→5		16←	L10 RED	
BLUE R6	→4				
GREEN R7	→3				
YELLOW R8	→2				
BLACK R9	→RXI				
RED R10	→TXO				

joystick

