Communications protocol:

PC send command:	18f4550 control:	18f4550 port:
"0x01"	Relay1 on	RD5
"0x02"	Relay1 off	
"0x03"	Relay2 on	RD6
"0x04"	Relay2 off	
"0x05"	Relay3 on	RD7
"0x06"	Relay3 off	
"0x07"	Relay4 on	RD1
"0x08"	Relay4 off	
"0x09"	Relay5 on	RD0
"0x0a"	Relay5 off	
"0x0b"	Relay6 on	RD4
"0x0c"	Relay6 off	
"0x0d"	Relay7 on	RD3
"0x0e"	Relay7 off	
"0x0f"	Relay8 on	RD2
"0x10"	Relay8 off	
"0x11"	Relay9 on	RA3
"0x12"	Relay9 off	
"0x13"	Relay10 on	RA2
"0x14"	Relay10 off	
"0x15"	Relay11 on	RA1
"0x16"	Relay11 off	
"0x17"	Relay12 on	RA0
"0x18"	Relay12 off	
"0x19"	Relay13 on	RE2
"0x1a"	Relay13 off	
"0x1b"	Relay14 on	RA5
"0x1c"	Relay14 off	
"0x1d"	Relay15 on	RE0
"0x1e"	Relay15 off	
"0x1f"	Relay16 on	RE1
"0x20"	Relay16 off	
"0x21"	Relay17 on	RB0
"0x22"	Relay17 off	
"0x23"	Relay18 on	RB1
"0x24"	Relay18 off	
"0x25"	Relay19 on	RB2
"0x26"	Relay19 off	
"0x27"	Relay20 on	RB3
"0x28"	Relay20 off	
"0x29"	Relay21on	RB4
"0x2a"	Relay21 off	
"0x2b"	Relay22 on	RB5
"0x2c"	Relay22 off	
"0x2d"	Relay23 on	RB6
"0x2e"	Relay23 off	
"0x2f"	Relay24 on	RB7
"0x30"	Relay24 off	
"0x31"	Relay all on	
"0x32"	Relay all off	
"0x33"	Relay1-relay8 on	
"0x34"	Relay1-relay8 off	
"0x35"	Relay9-relay16 on	
"0x36"	Relay9-relay16 off	
"0x37"	Relay17-relay24 on	
"0x38"	Relay17-relay24 off	
"0x39"		
"0x3a"	Read A/d 8 channels voltage	RA0,RA1,RA2,RA3,RA5,RE0,RE1,RE2
"0x3b"	Return	
"0x3c"	Read A/d 1 channels voltage	RA0
"0x3d"	Read counter	RD1
"0x3e"	----------	
"0x3f"	Into wave_out square mode	
"0x43"	Output 100hz square_wave	RD0
"0x42"	Output 50hz square_wave	RD0
"0x41"	Output 20hz square_wave	RD0
"0x40"	Output 10hz square_wave	RD0

"0x49"	Output 10khz square_wave	
"0x48"	Output 5khz square_wave	
"0x47"	Output 2khz square_wave	
"0x46"	Output 1khz square_wave	
"0x45"	Output 500hz square_wave	
"0x44"	Output 200hz square_wave	
"0x4a"	Output 20khz square_wave	
"0x4b"	Output 50khz square_wave	
"0x4c"	Output 100khz square_wave	
"0x4d"	Output 200khz square_wave	
"0x4e"	Output 500khz square_wave	
"0x4f"	Output 1Mhz square_wave	
"0x50"	Output 2Mhz square_wave	
"0x51"	Output 5hz square_wave	