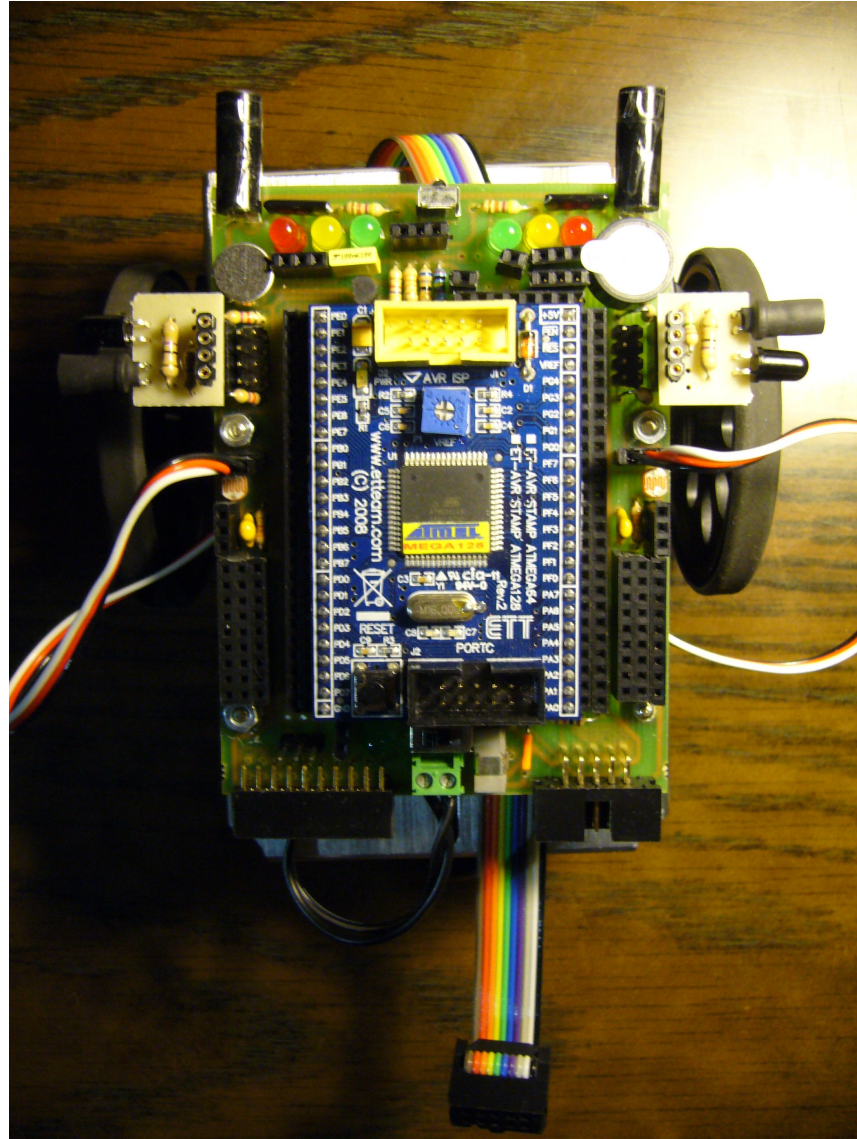


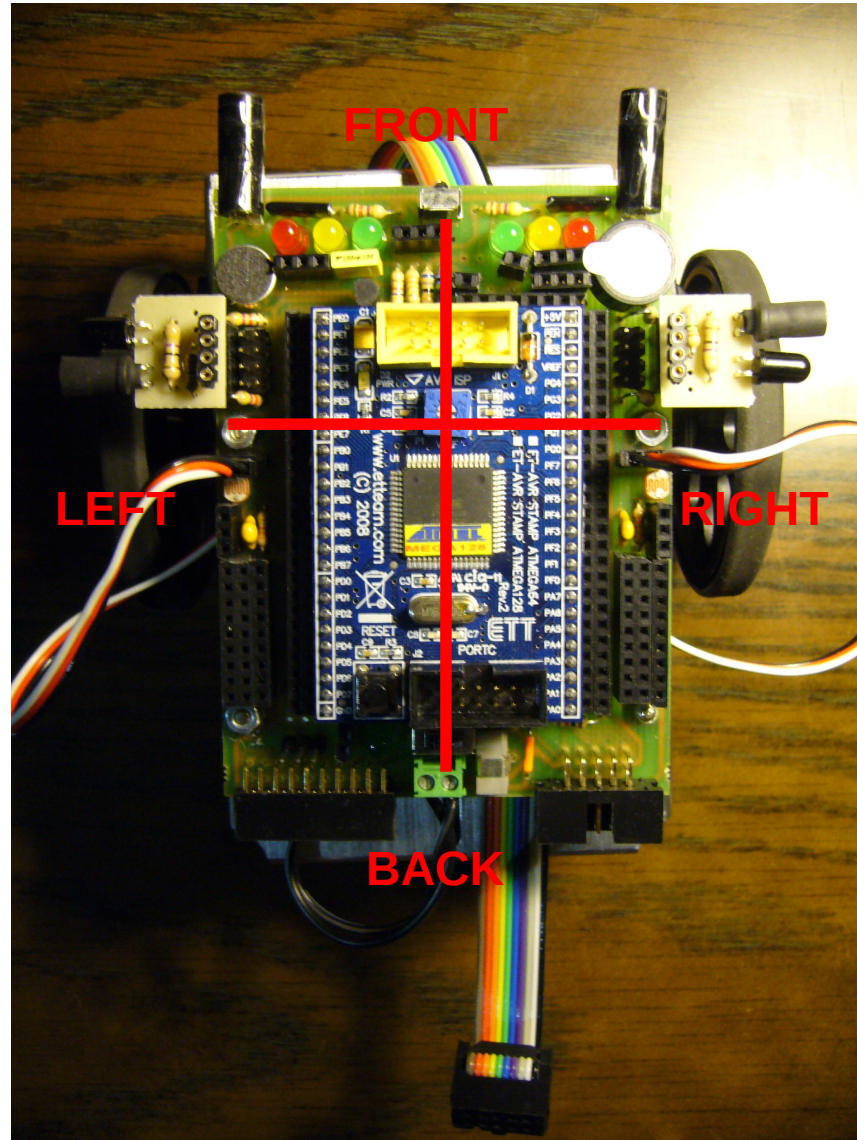
UABot

Components i cablejat

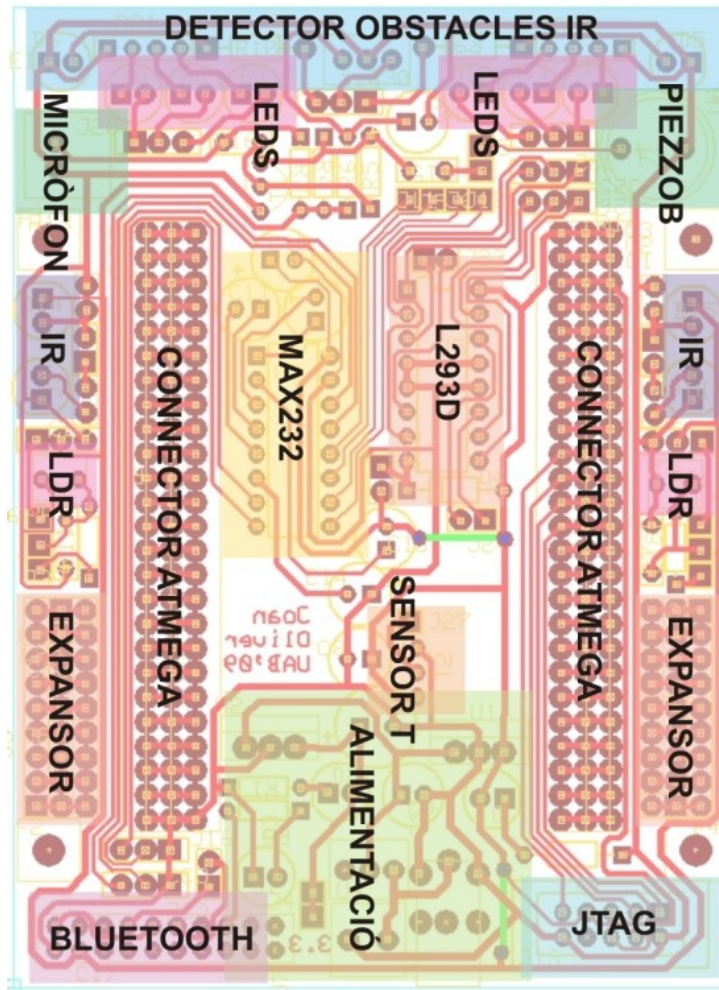
Punt de partida



Referències

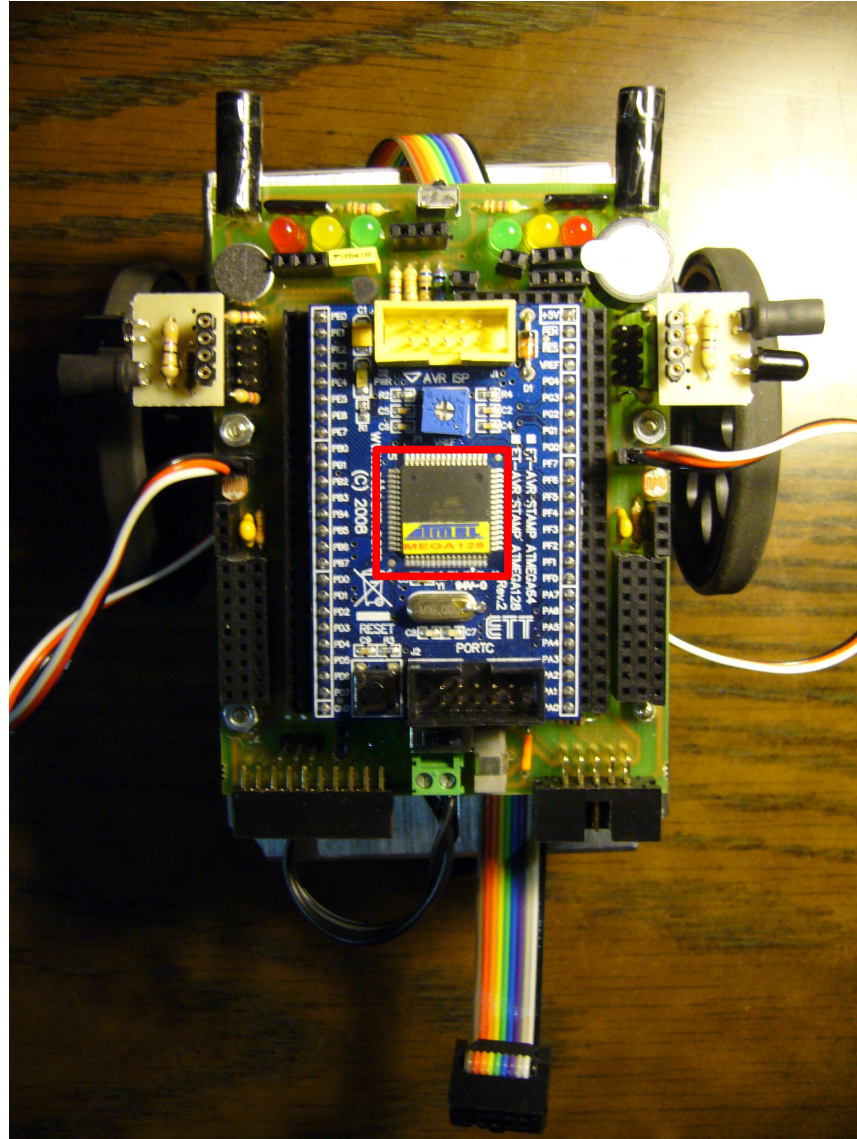


Disposició de la PCB

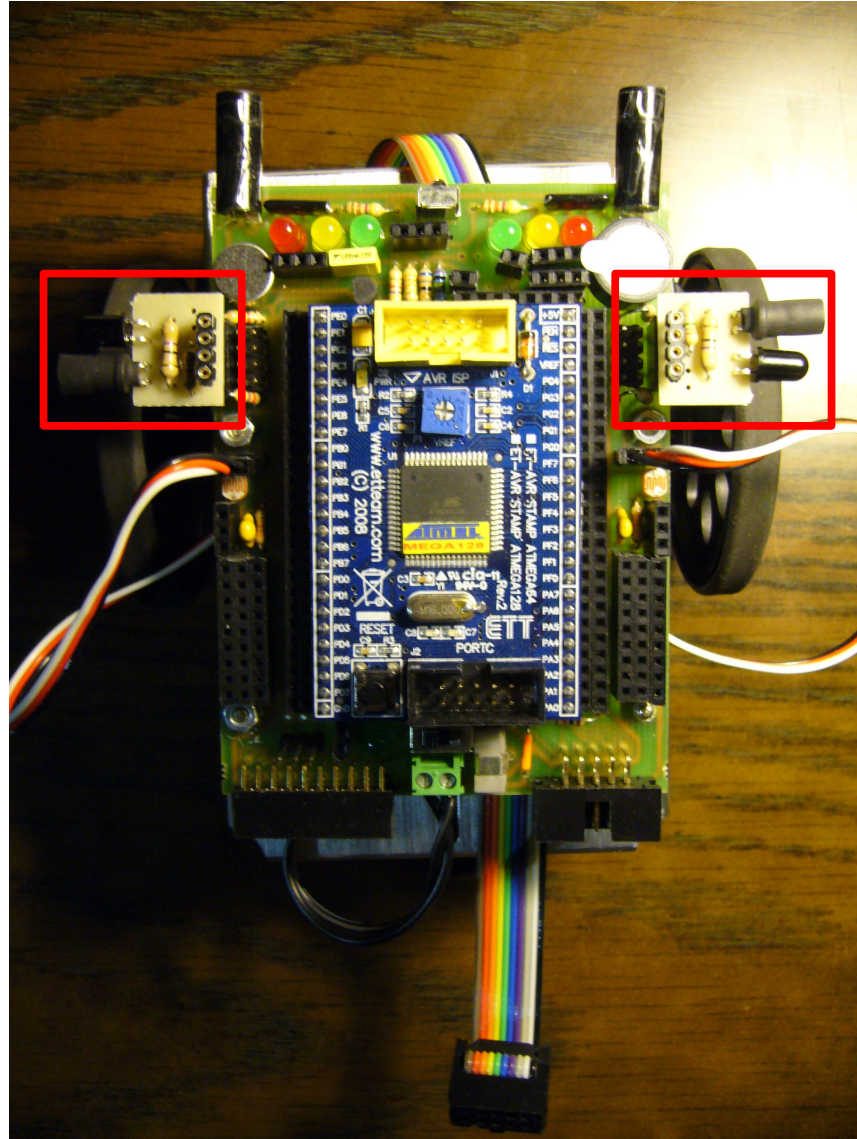


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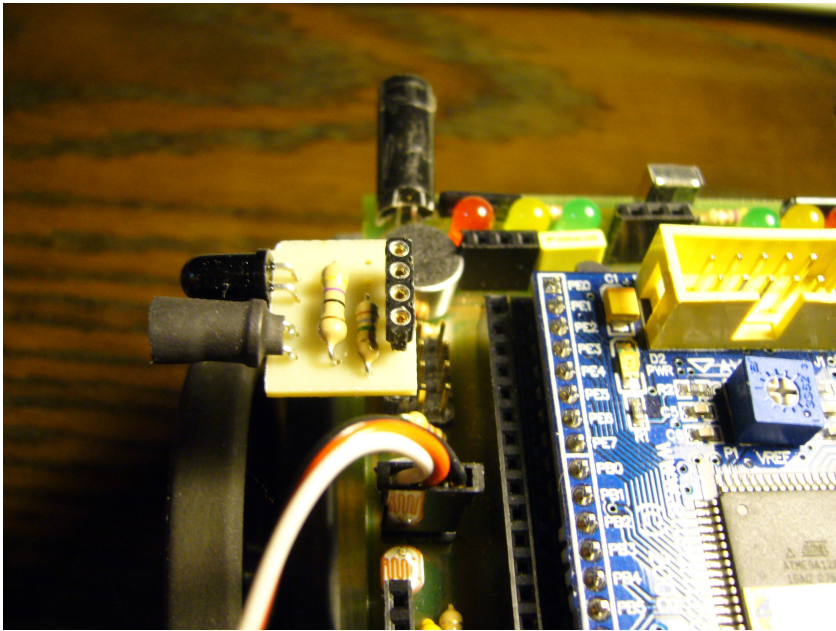
Microcontrolador ATmega128



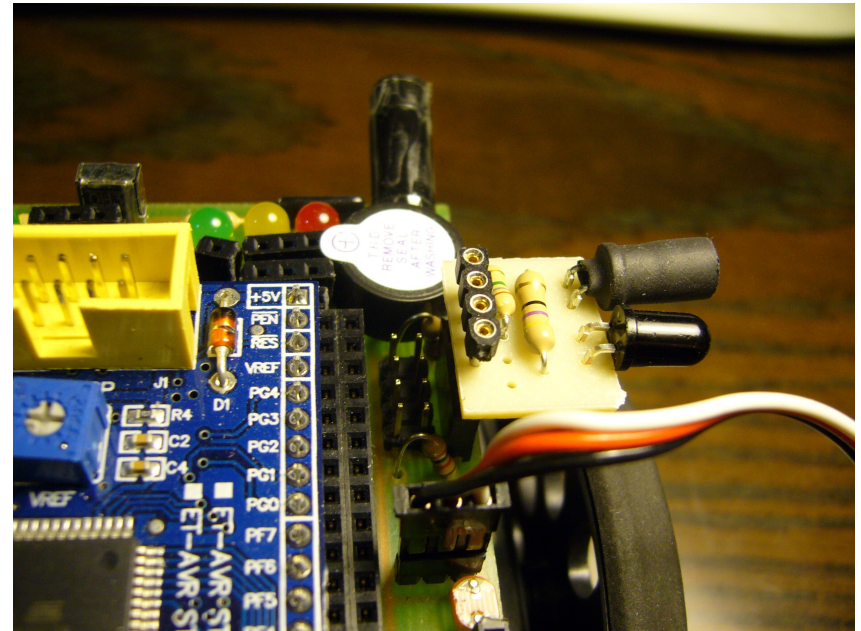
IR Laterals



IR Laterals

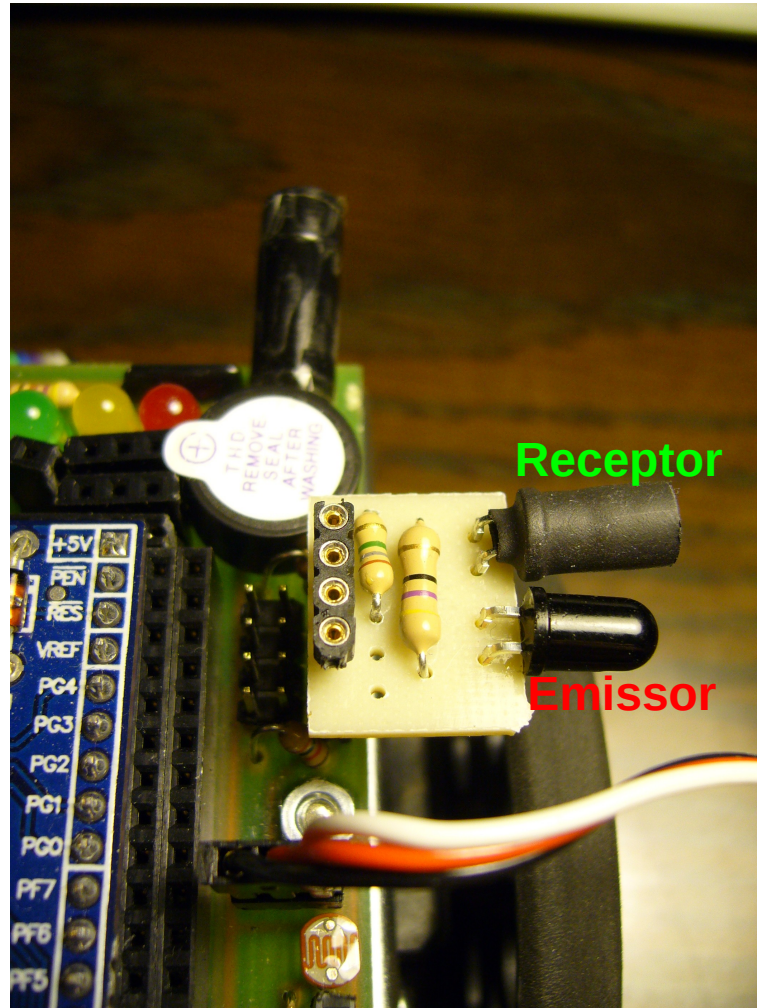


IR Lateral Esquerre

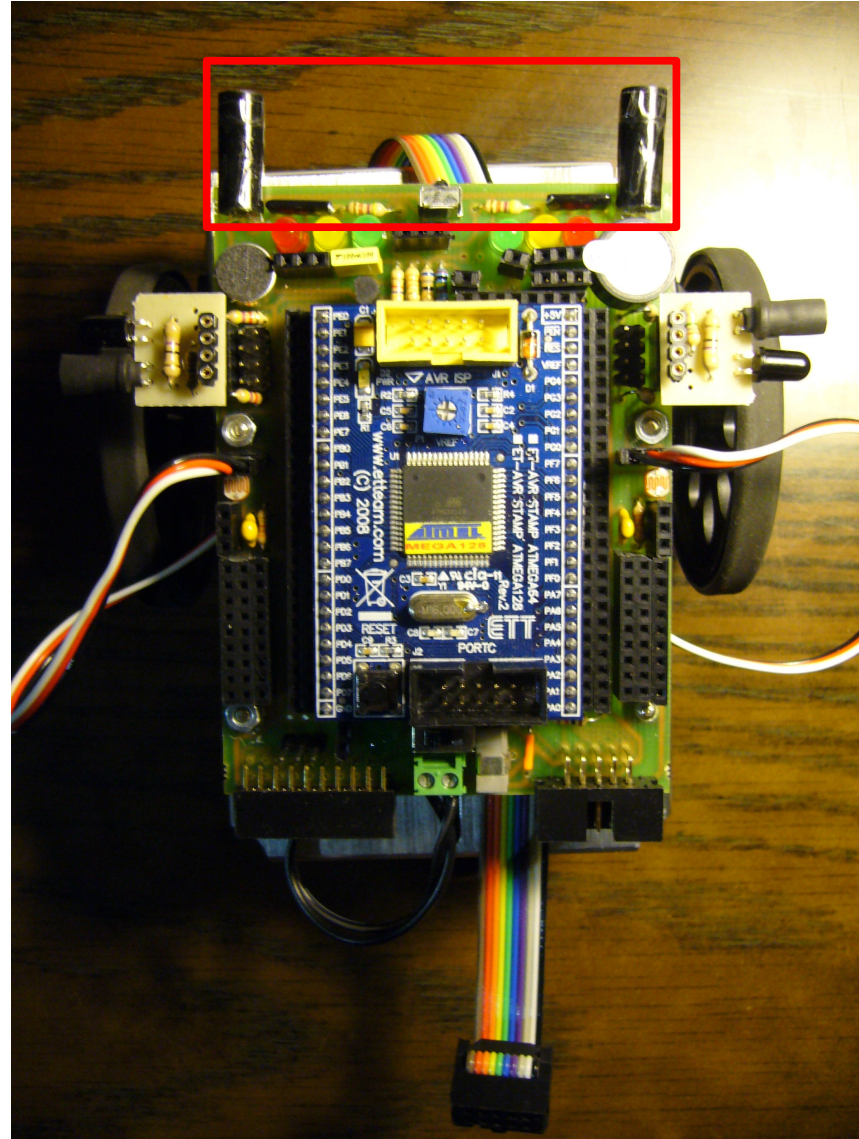


IR Lateral Dret

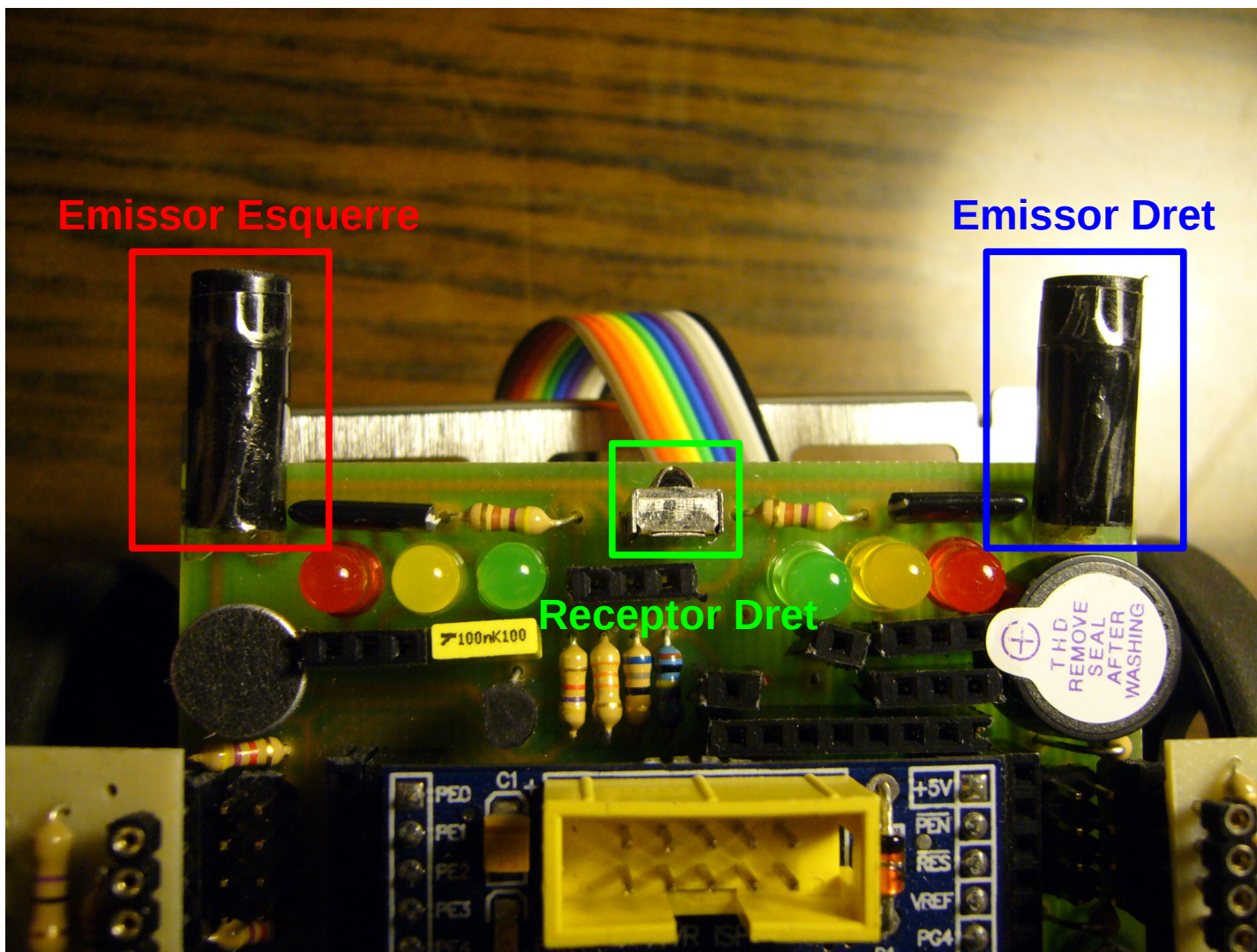
IR Laterals



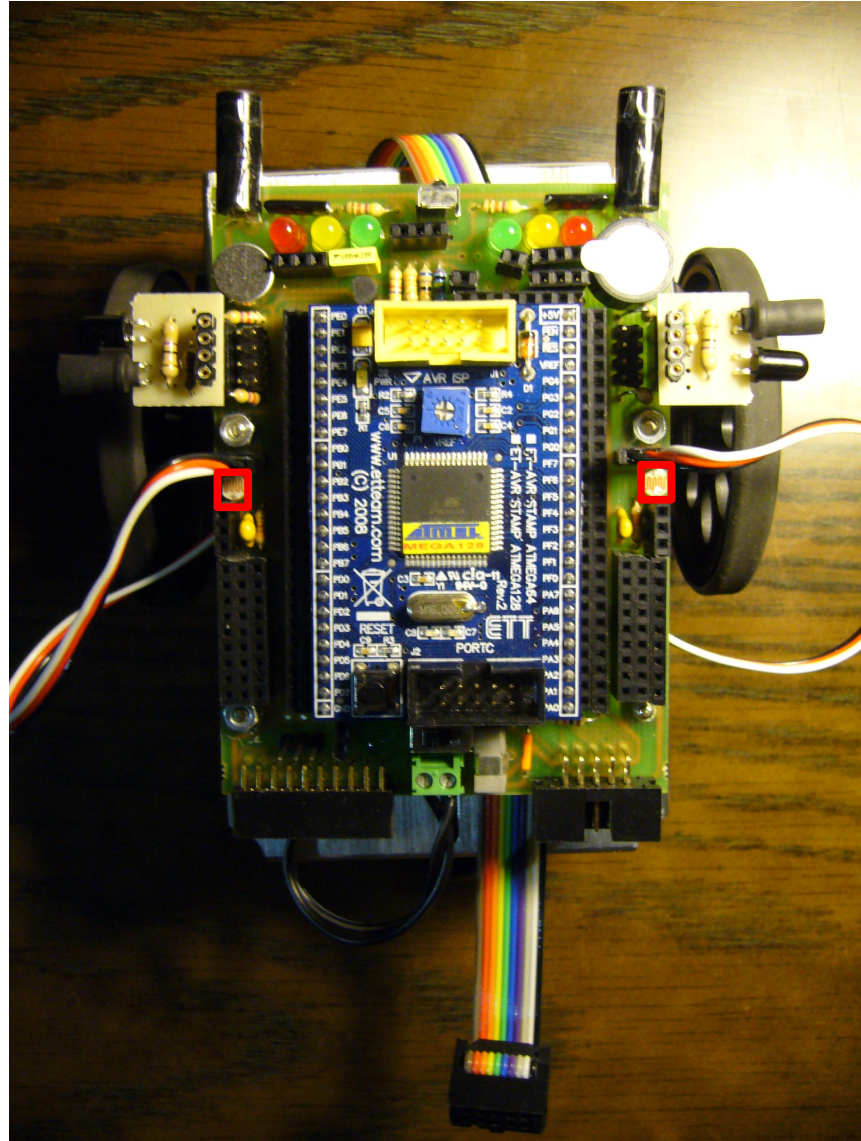
IR Frontal



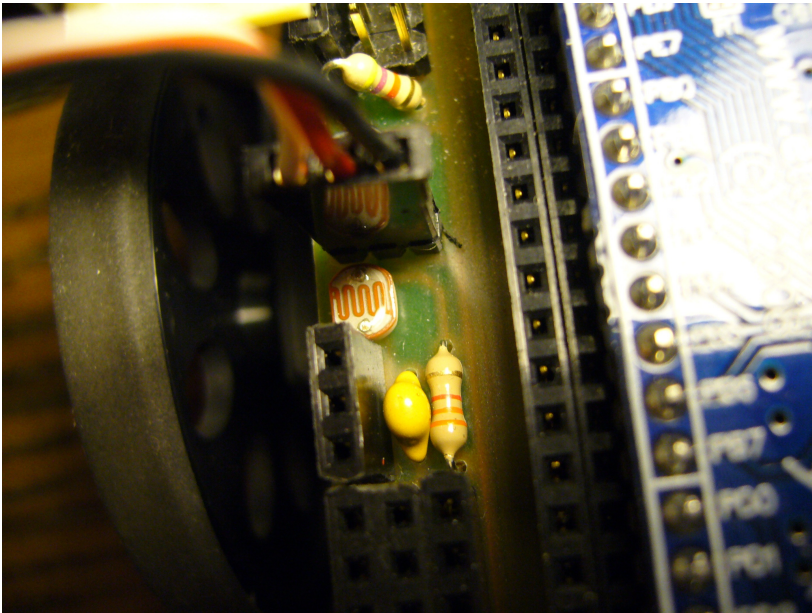
IR Frontal



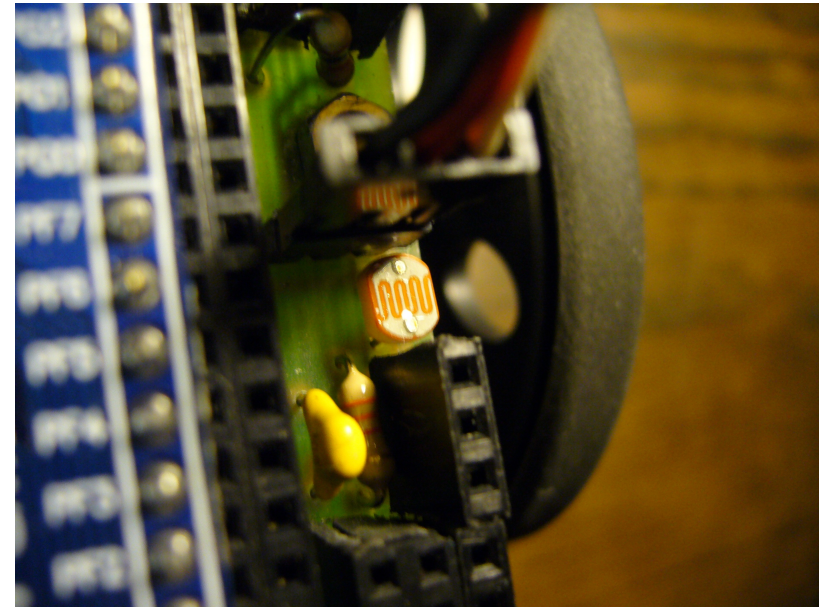
LDRs



LDR

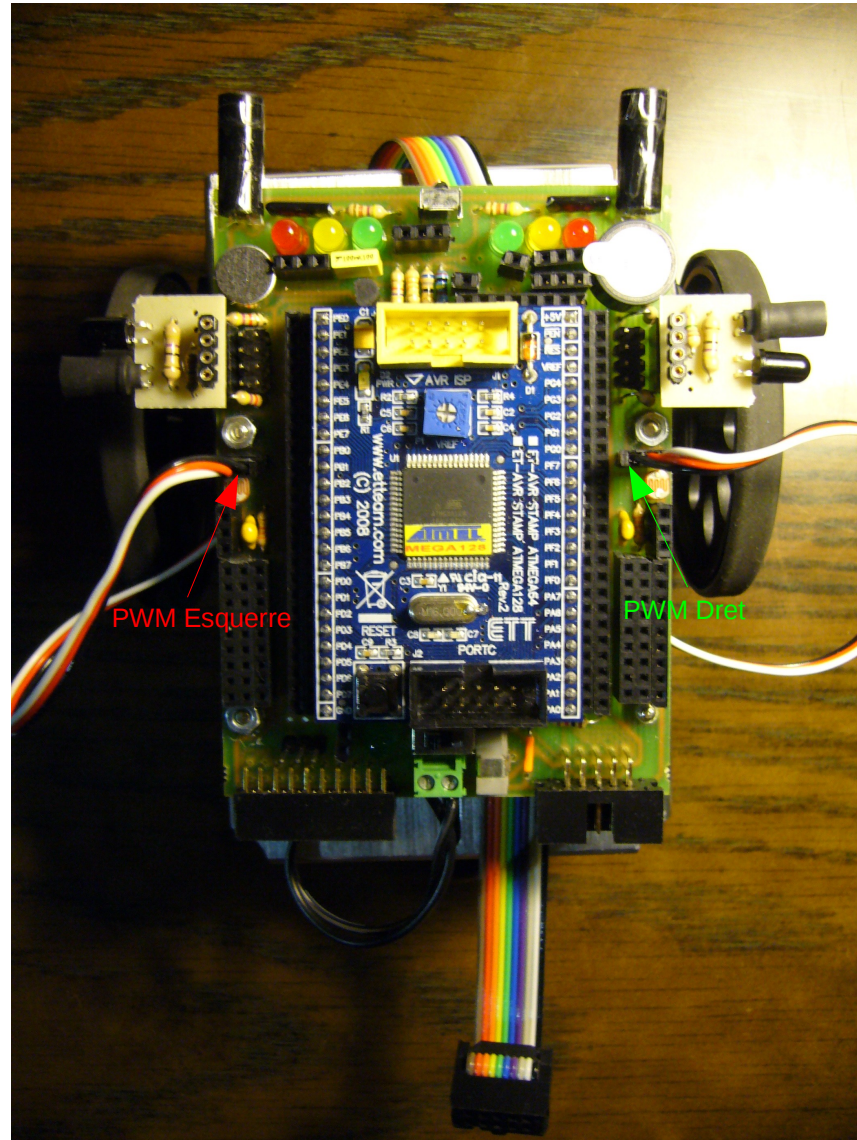


LDR Esquerre

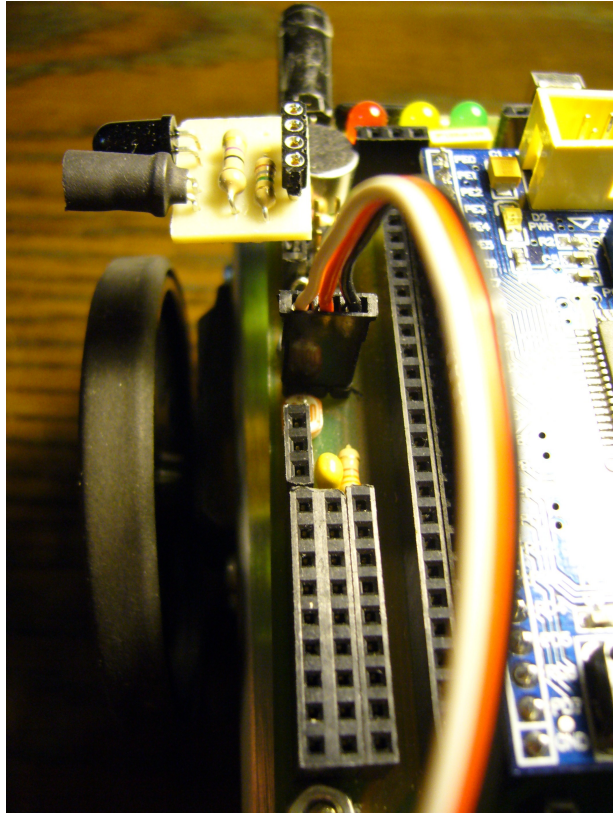


LDR Dret

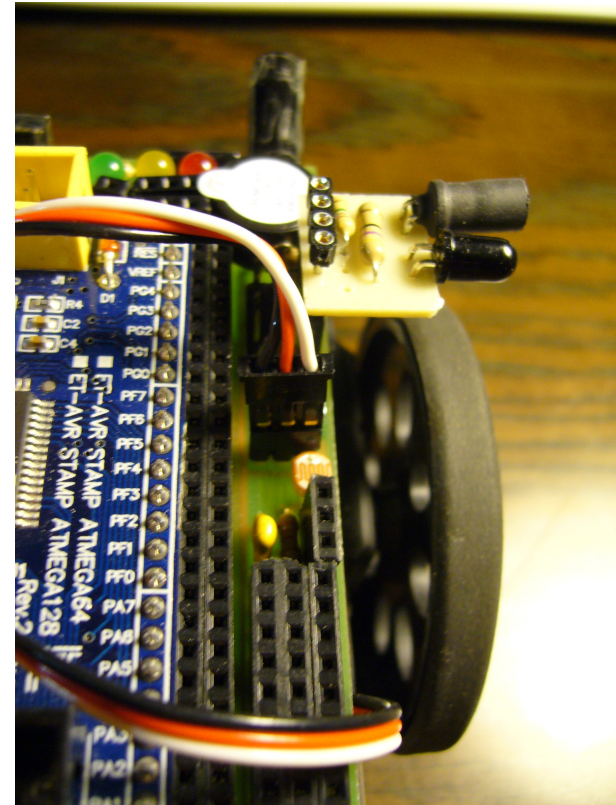
Senyals PWM



Senyals PWM

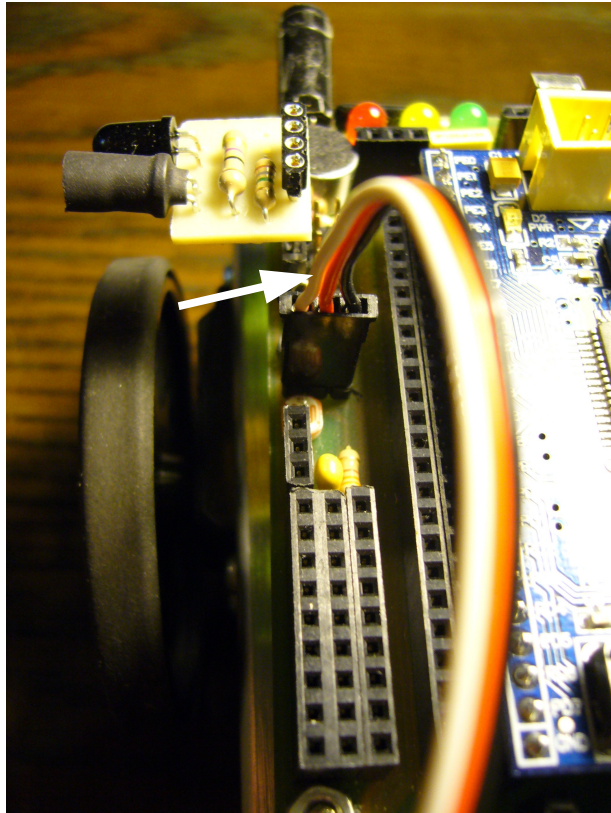


PWM Esquerre

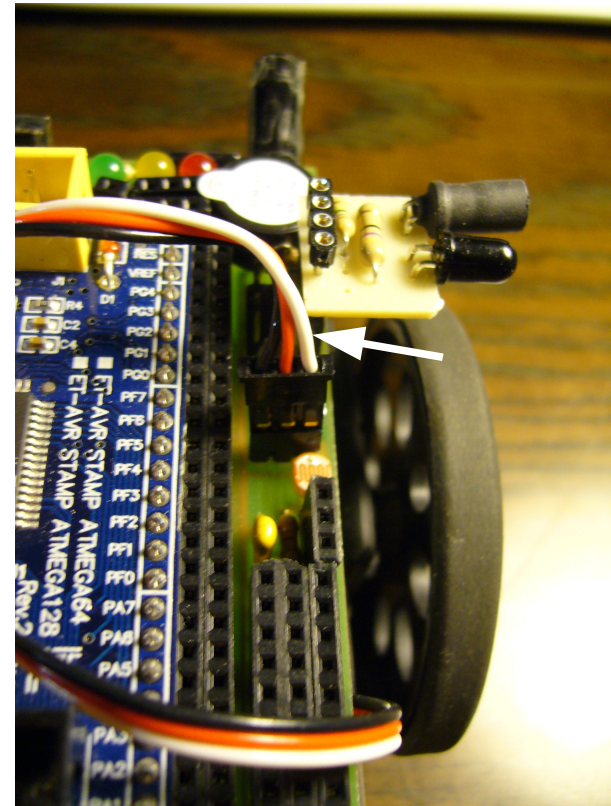


PWM Dret

Senyals PWM

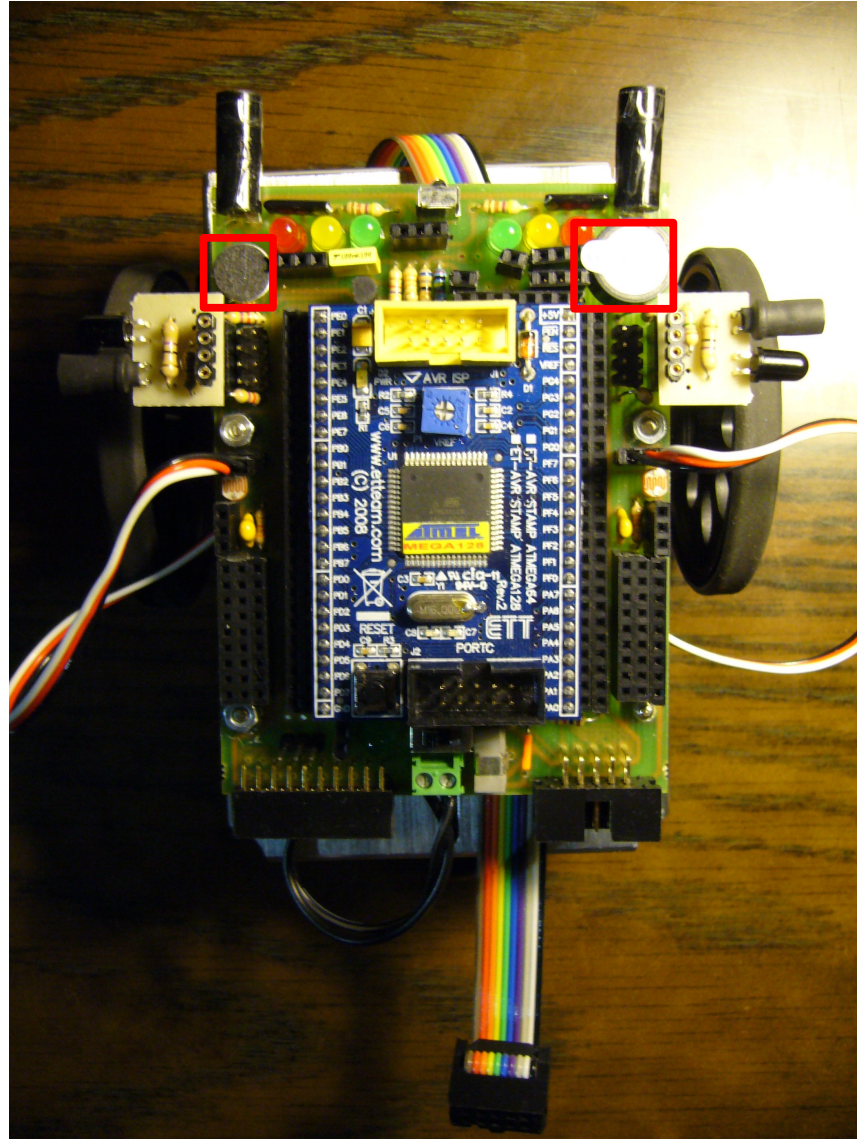


PWM Esquerre

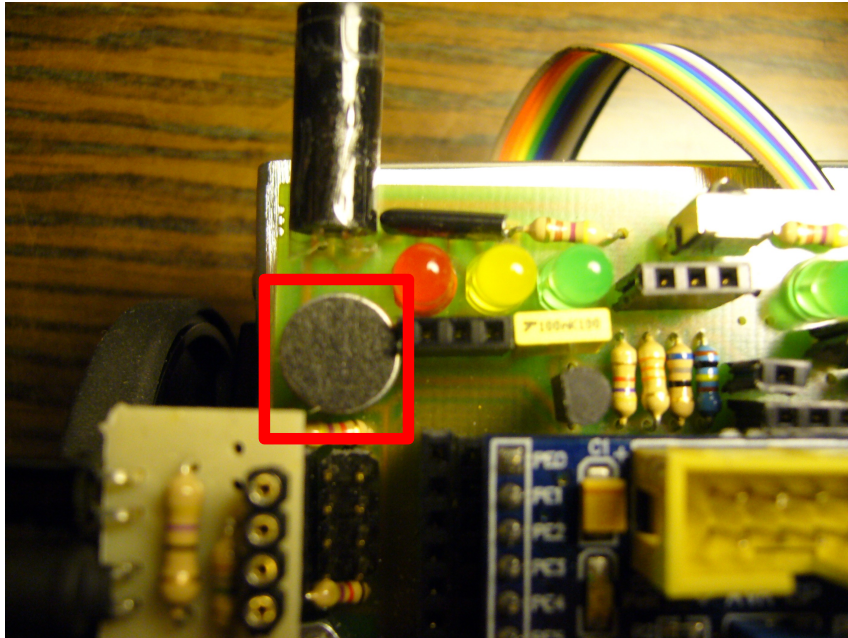


PWM Dret

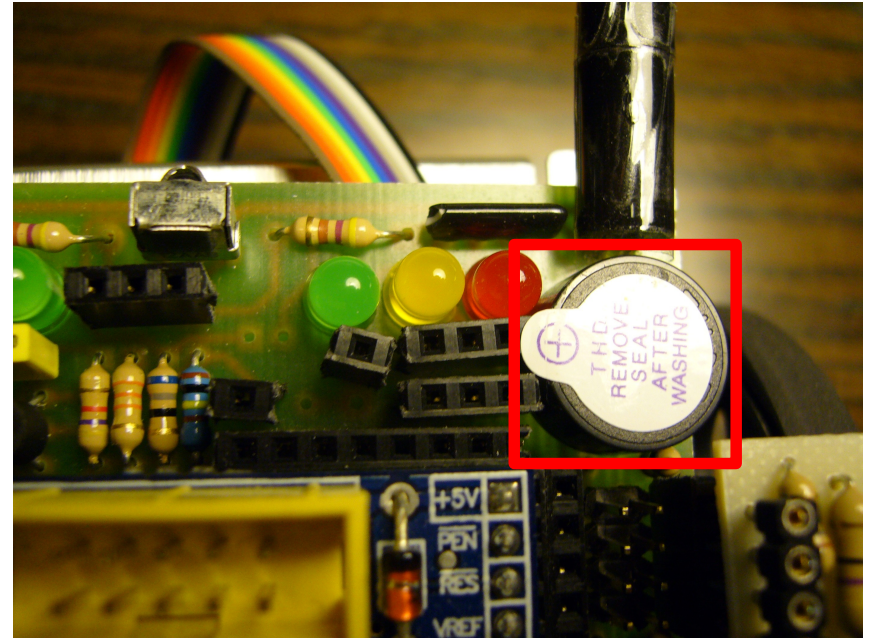
Micròfon i Piezzo Buzzer



Micròfon i Piezzo Buzzer

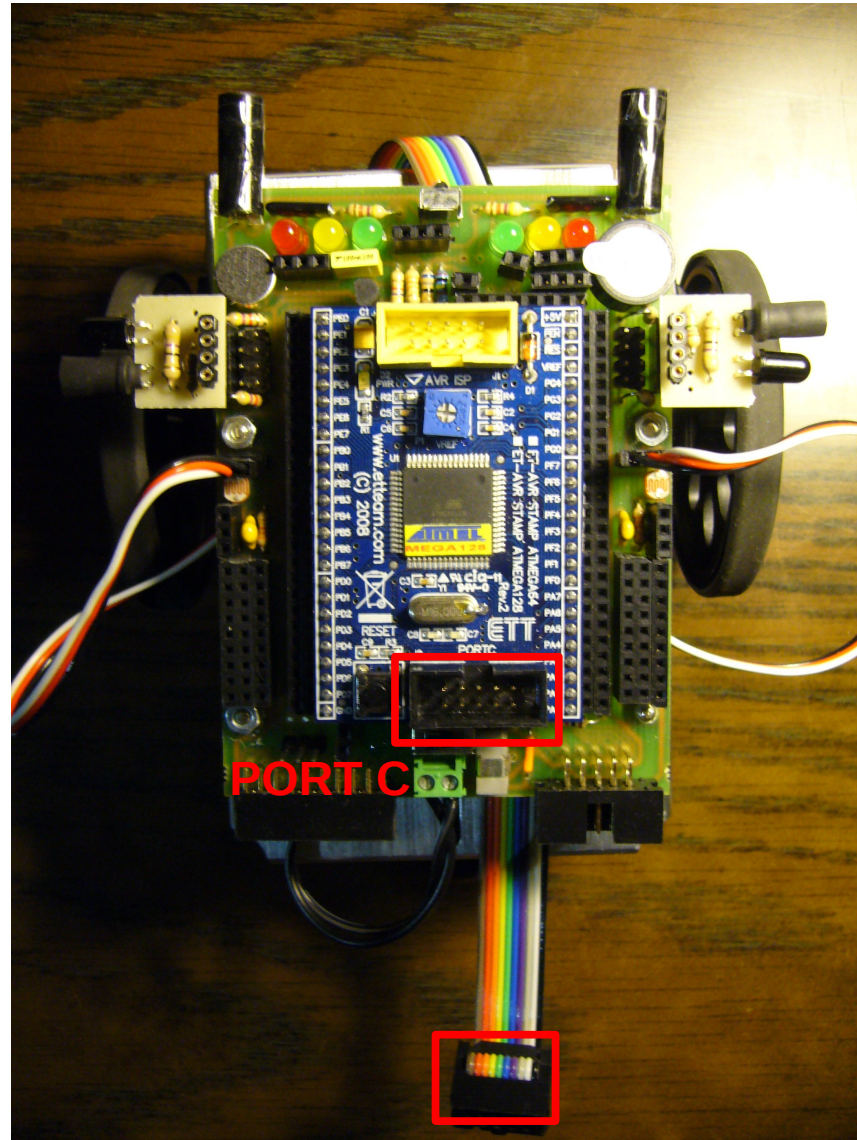


Micròfon



Piezzo Buzzer

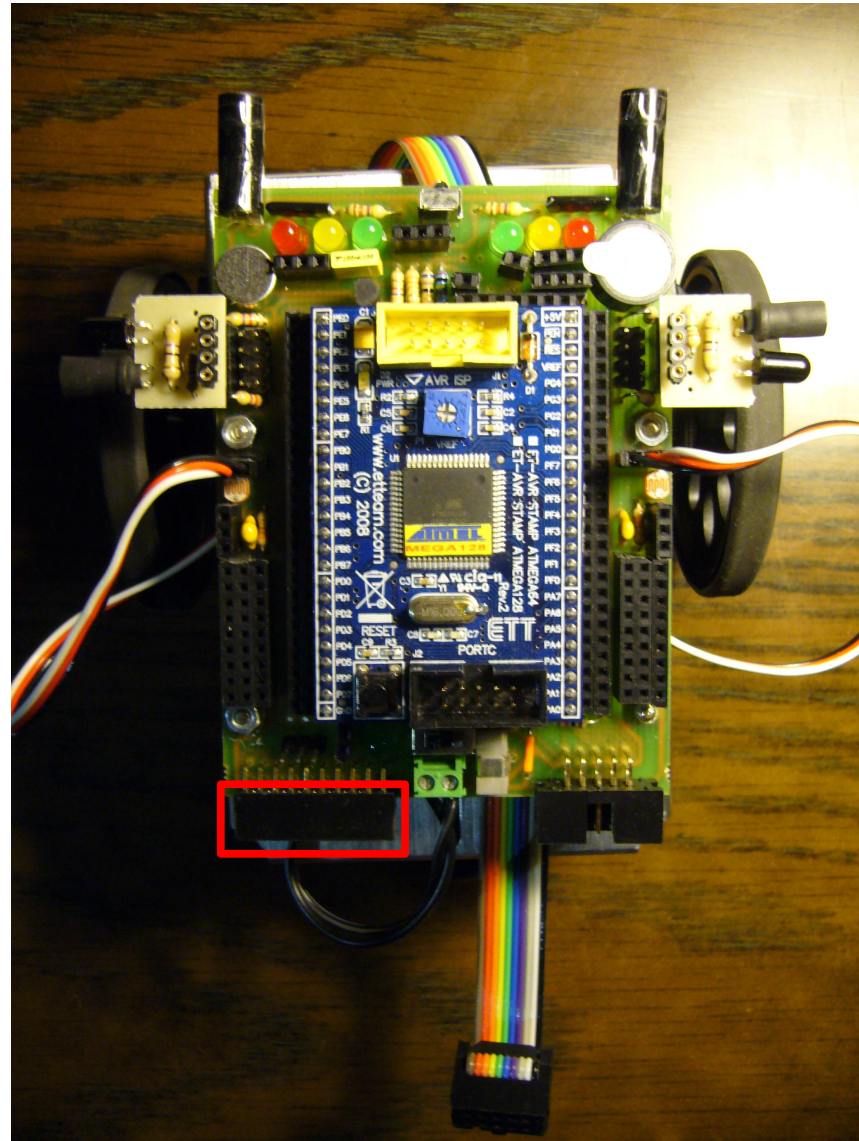
Connector seguidor de línea



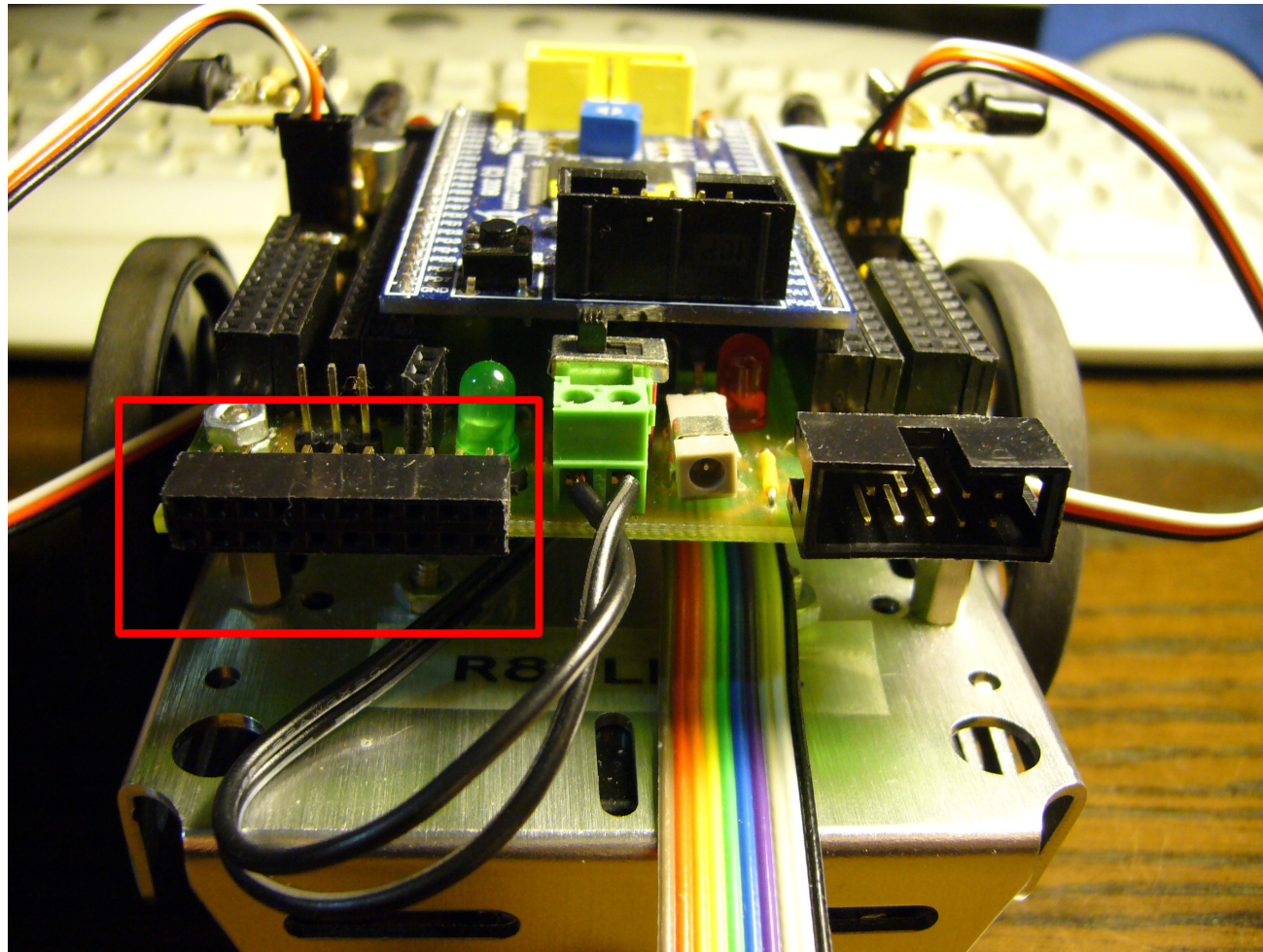
Seguidor de línea



Connector Bluetooth



Connector Bluetooth





Cablejat

Nomenclatura

Nom

Nomenclatura

Infraroigs Laterals

IRL

Infraroigs Frontals

IRF

Light Dependant Resistor

LDR

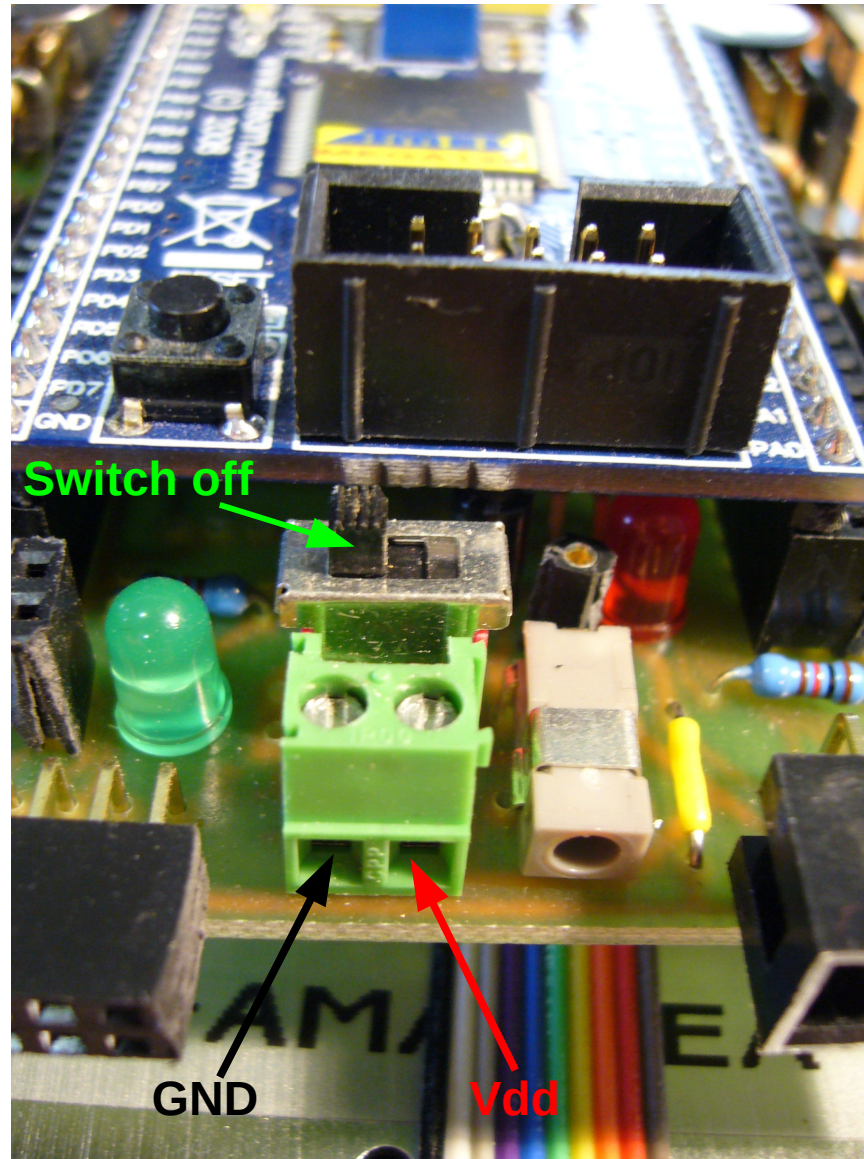
Seguidor de Línia

LFW

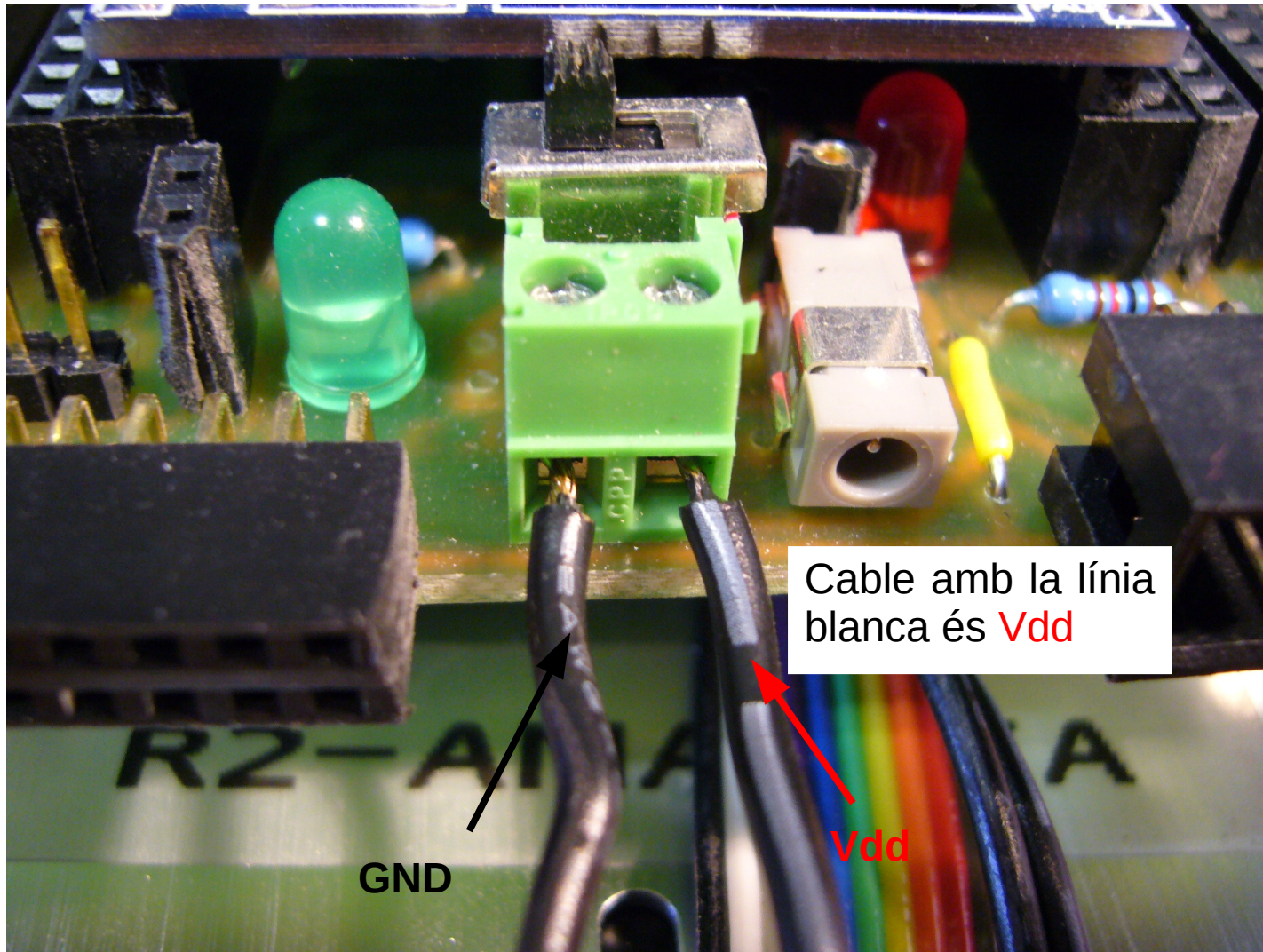
Micròfon

MIC

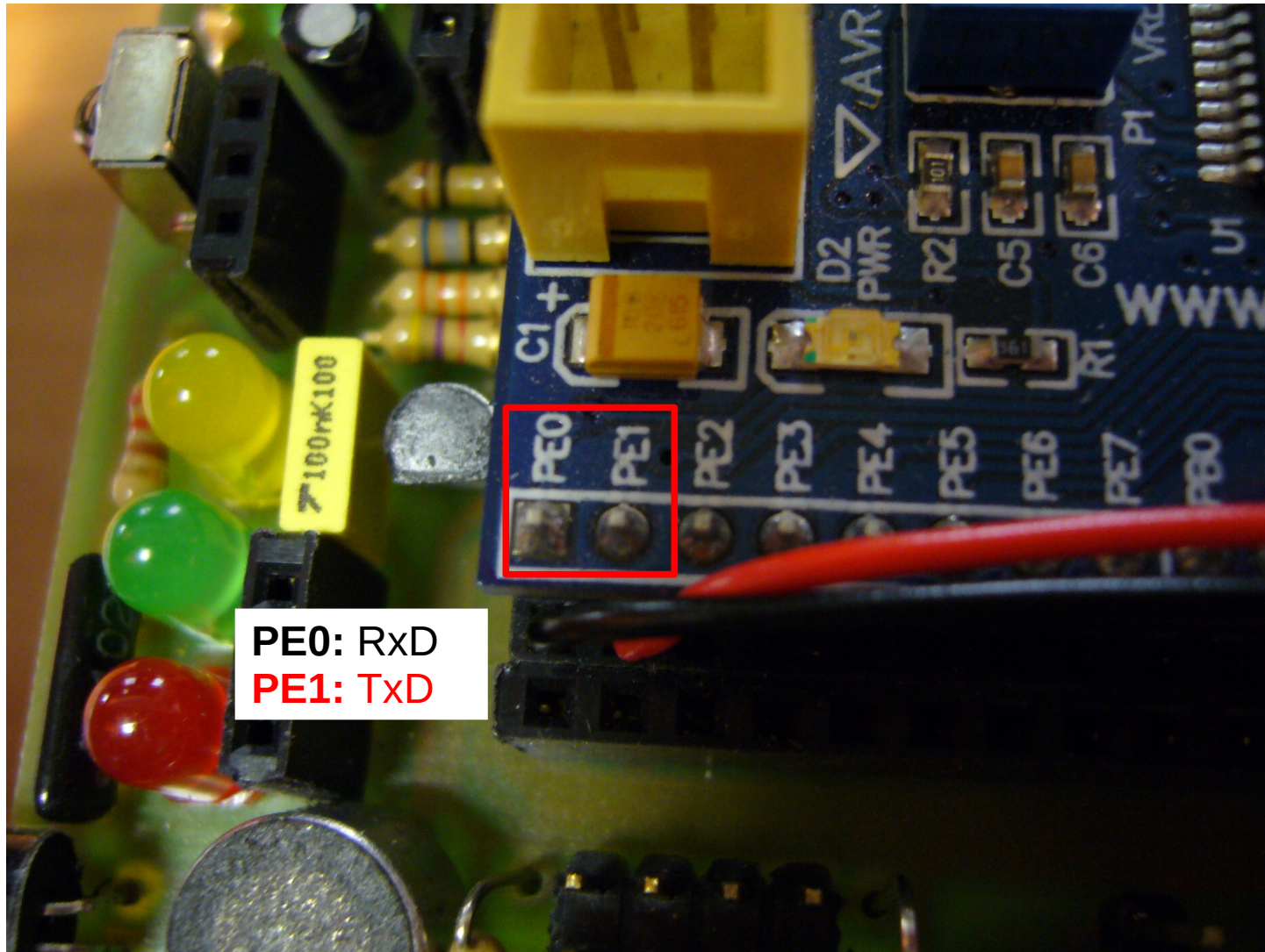
Alimentació



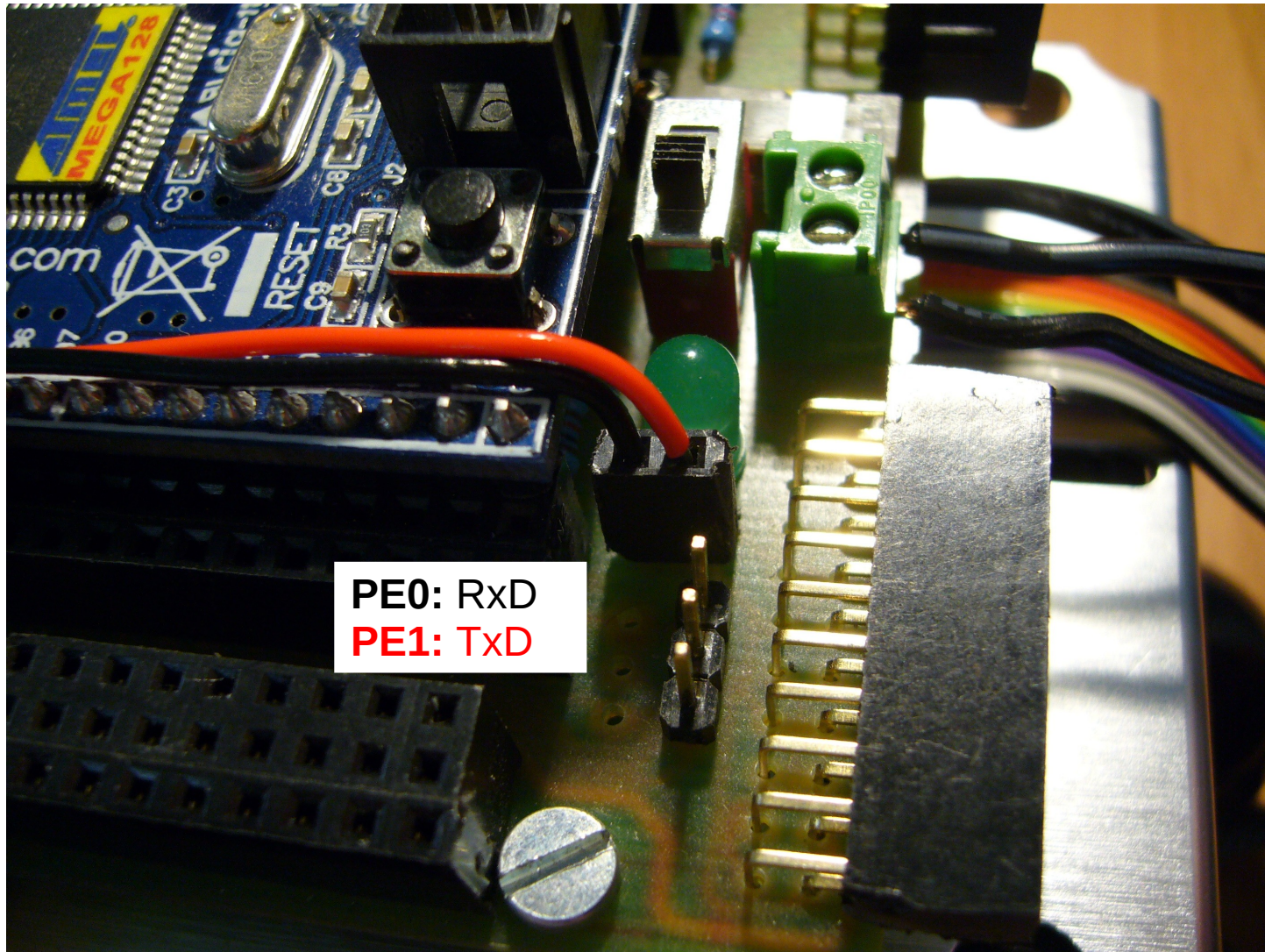
Alimentació



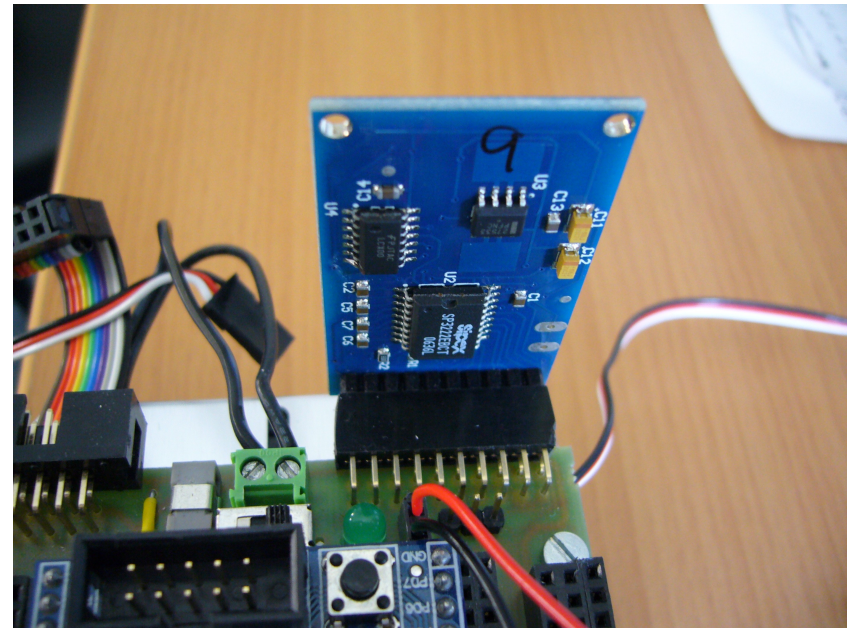
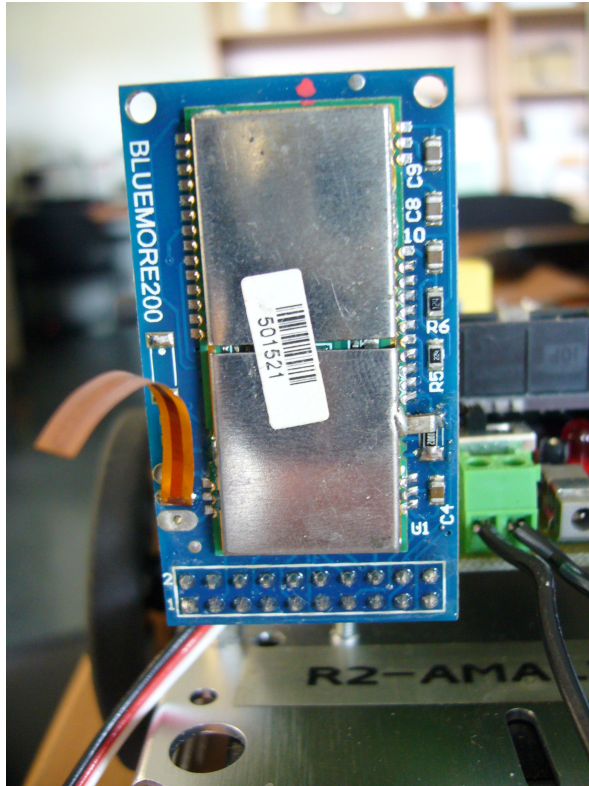
Pinout - USART



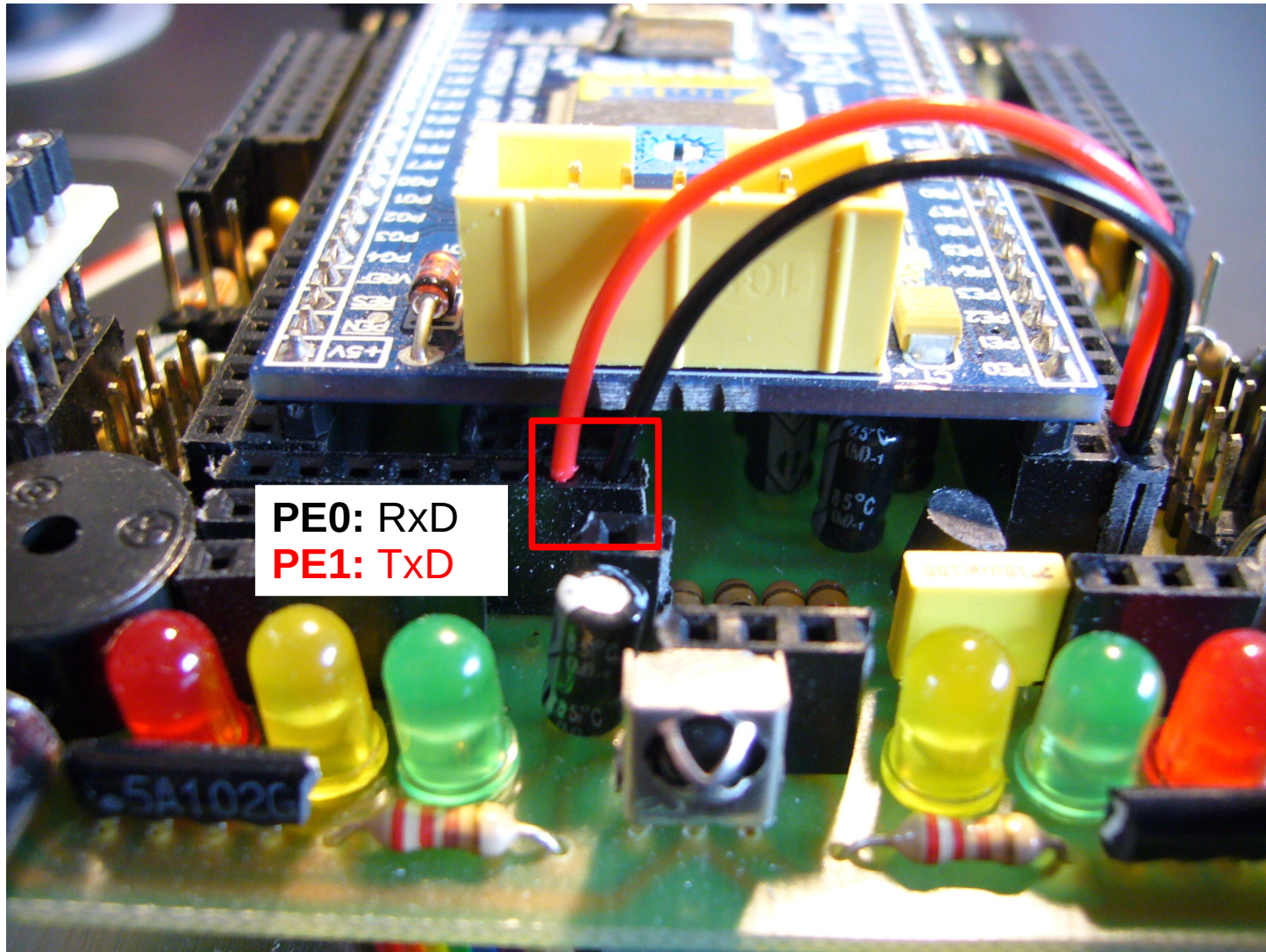
Pinout - Bluetooth



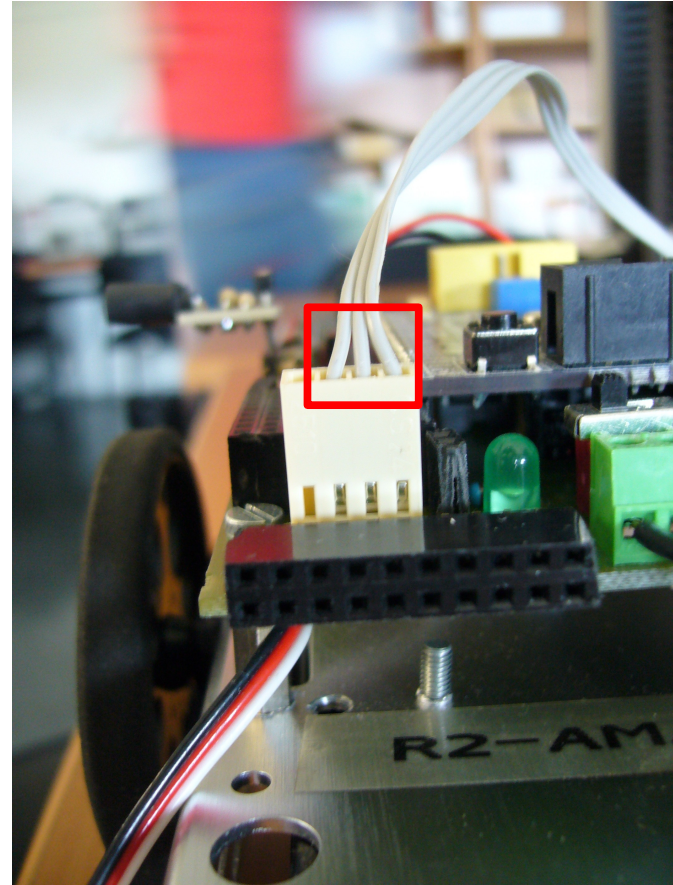
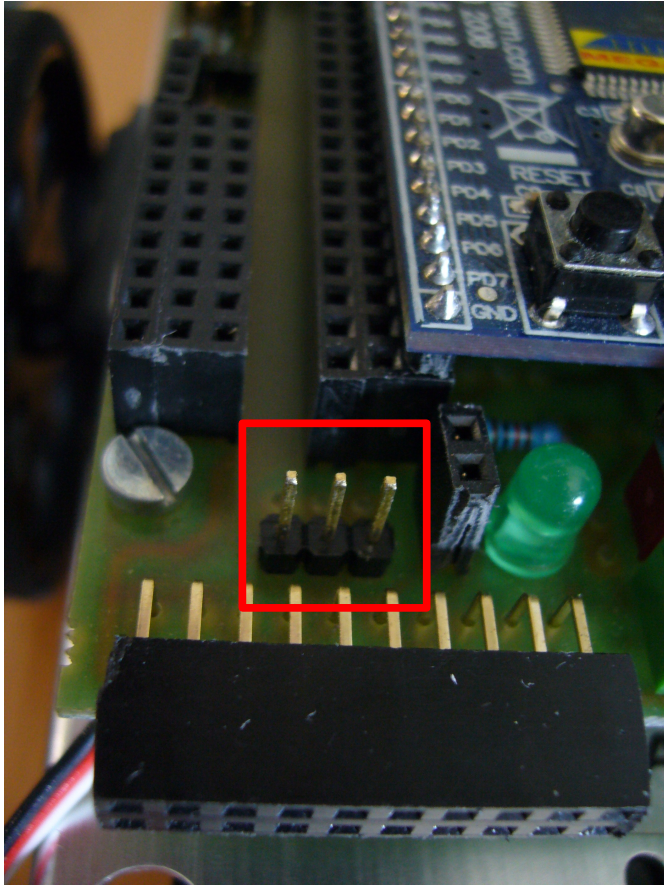
Pinout - Bluetooth



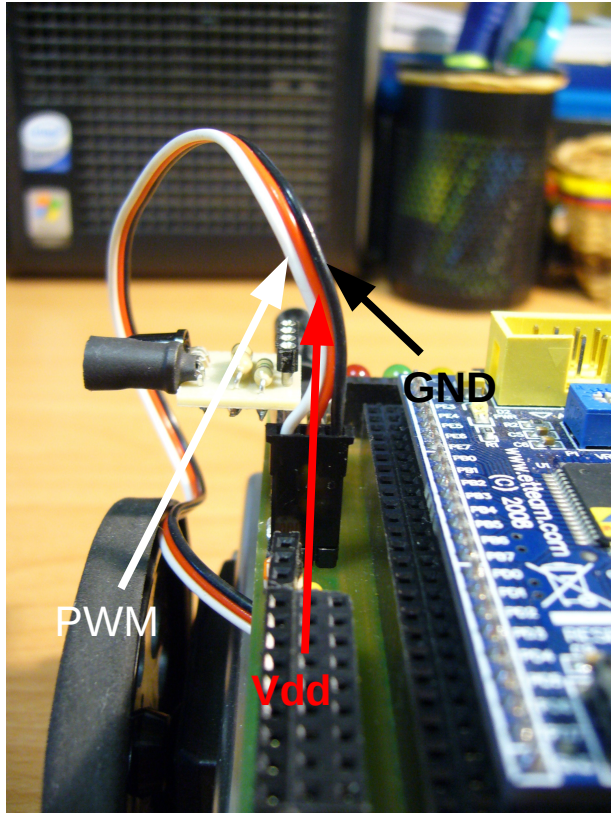
Pinout – Wired Link



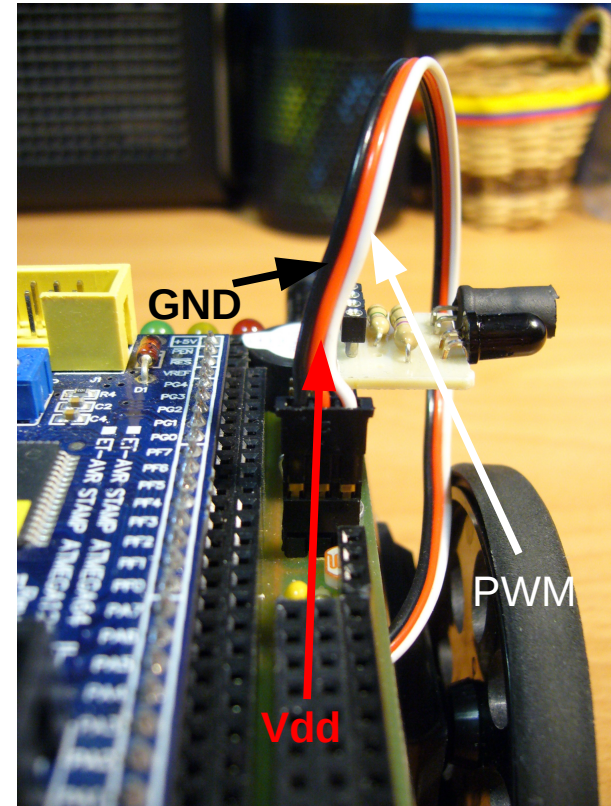
Pinout – Wired Link



Motors - PWM

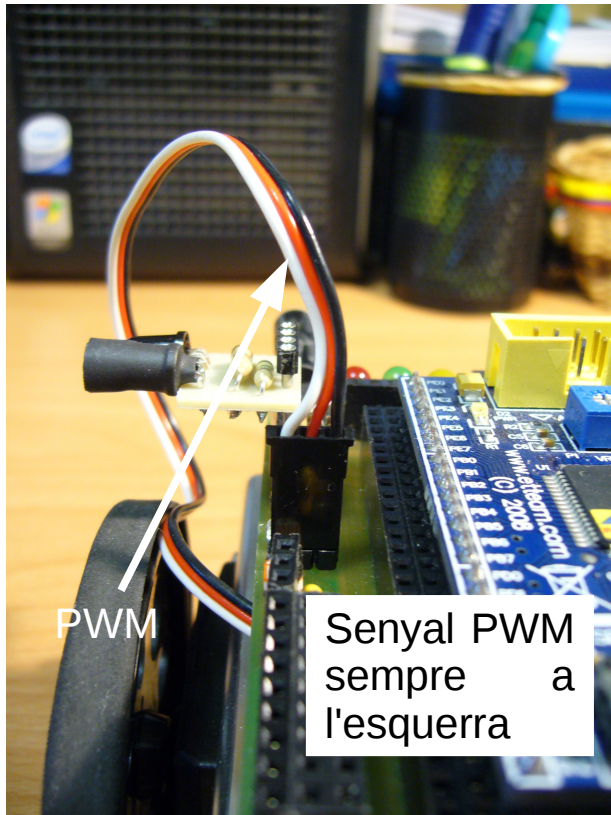


PWM Esquerre

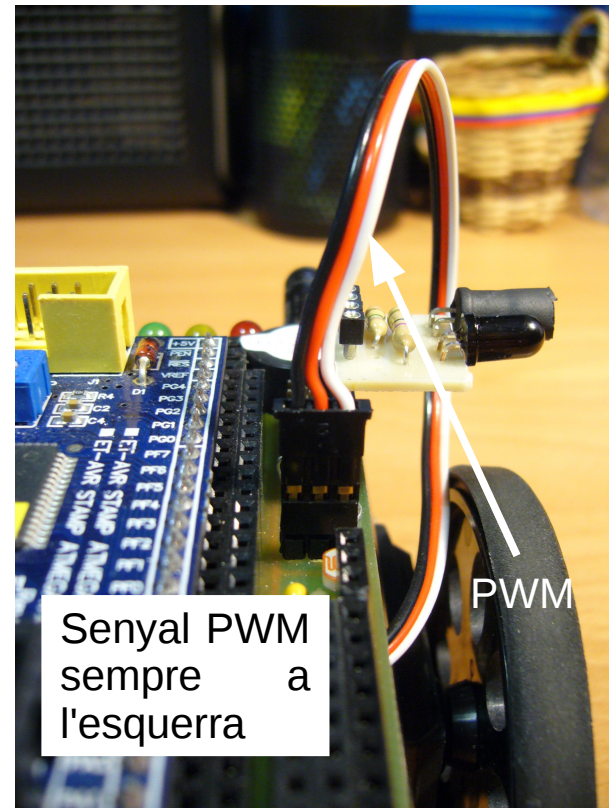


PWM Dret

Motors - PWM

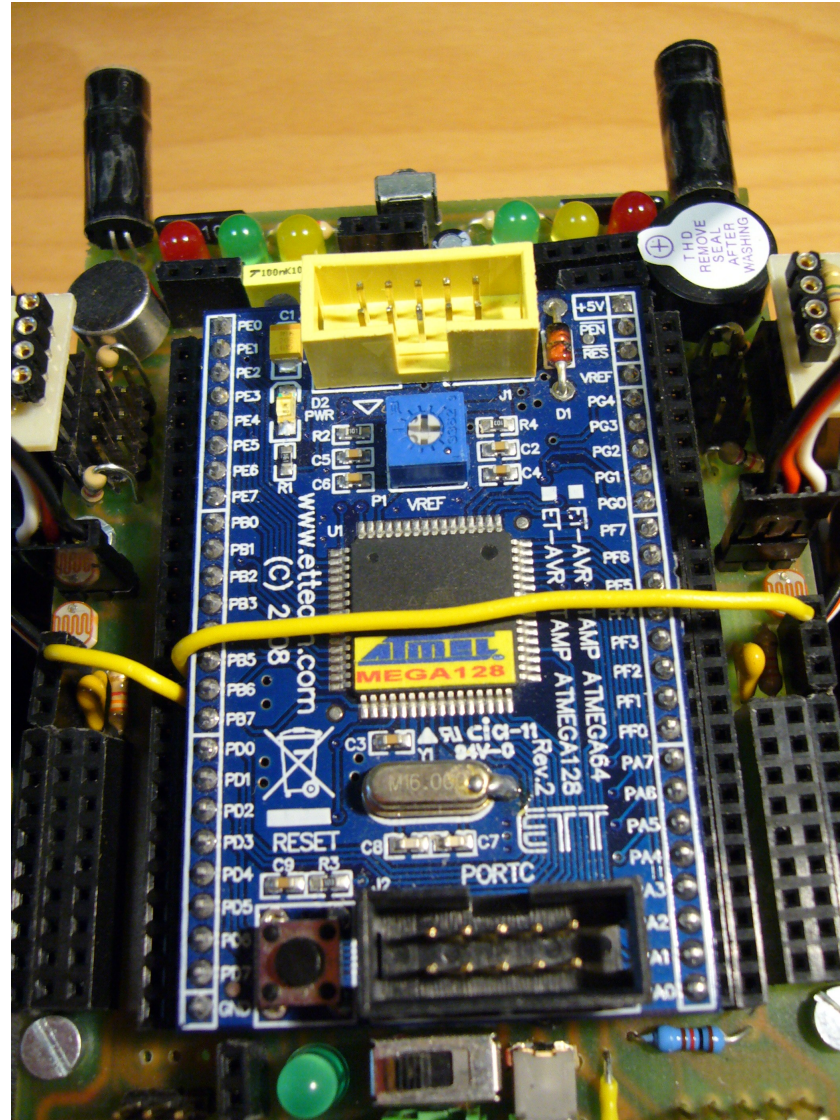


Senyal PWM Esquerre

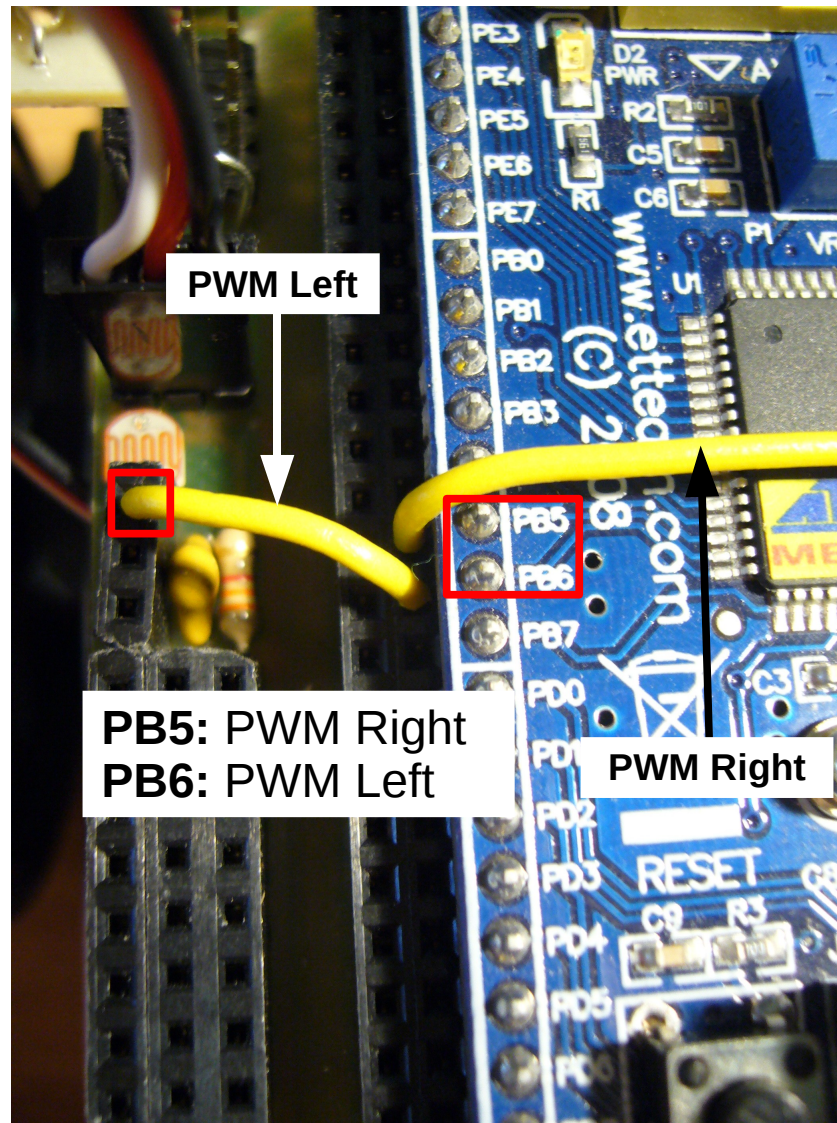


Senyal PWM Dret

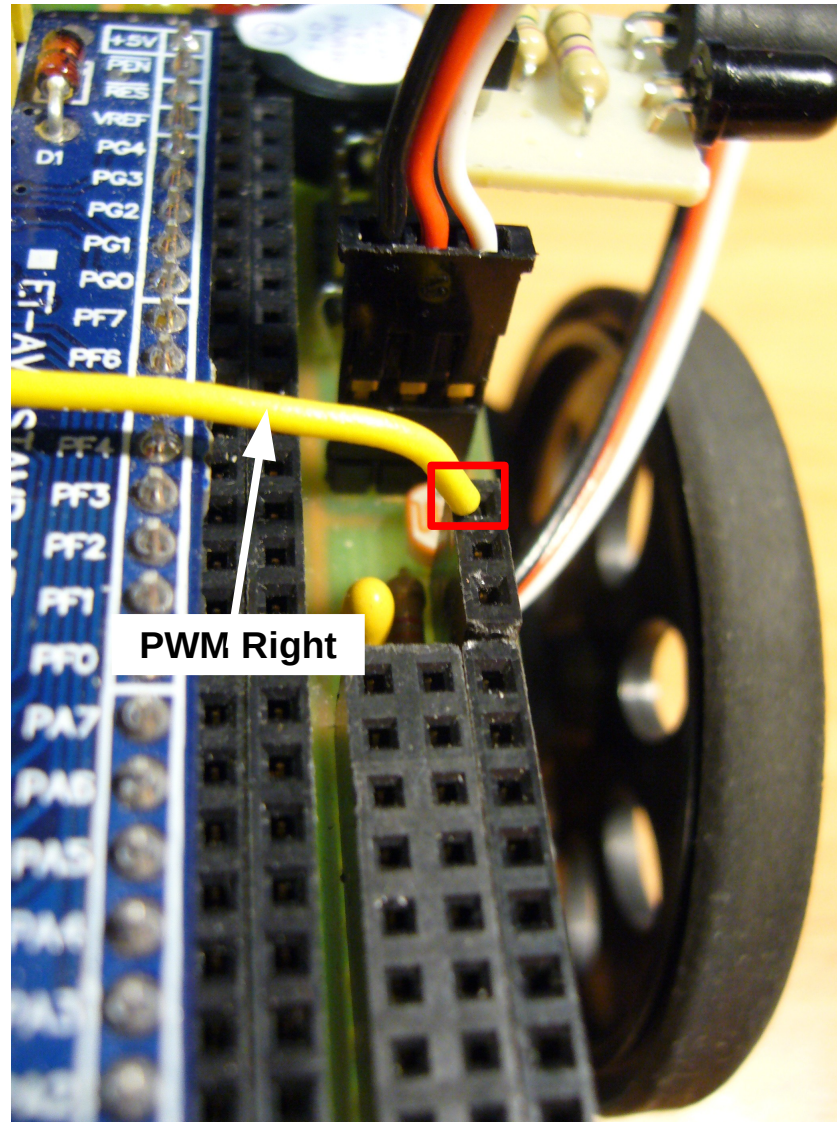
Pinout - PWM



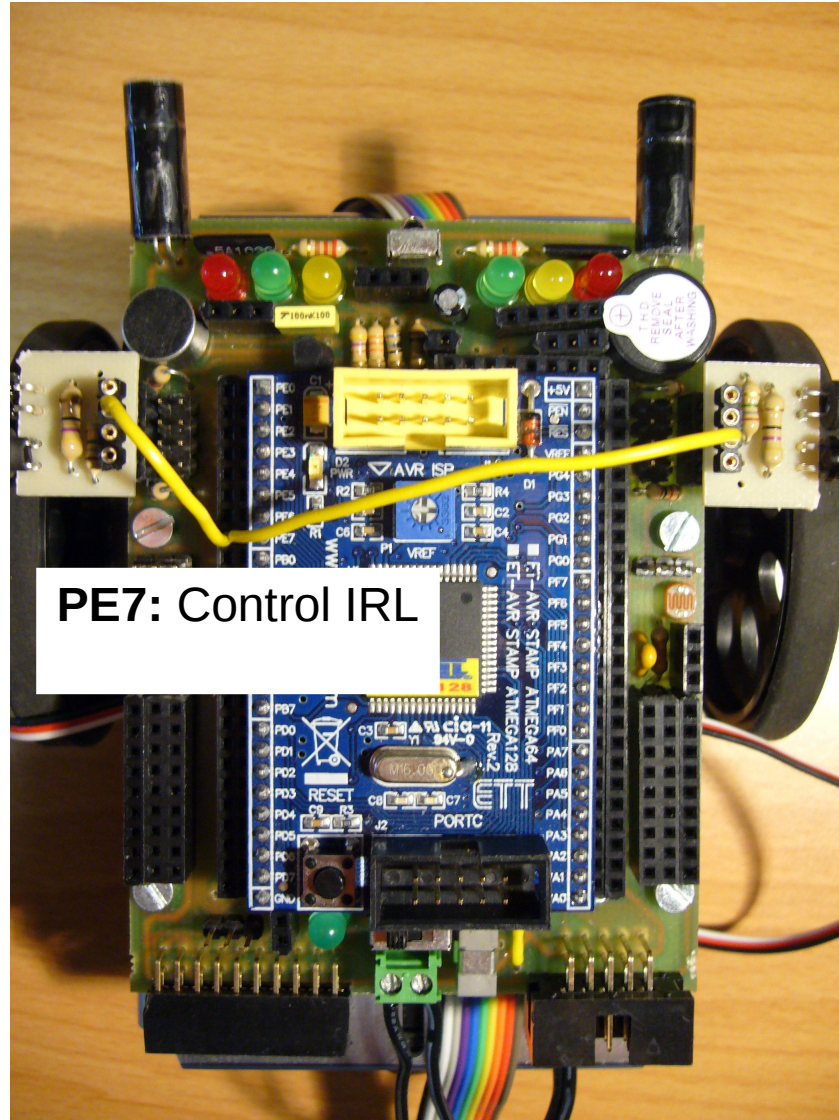
Pinout - PWM



Pinout - PWM

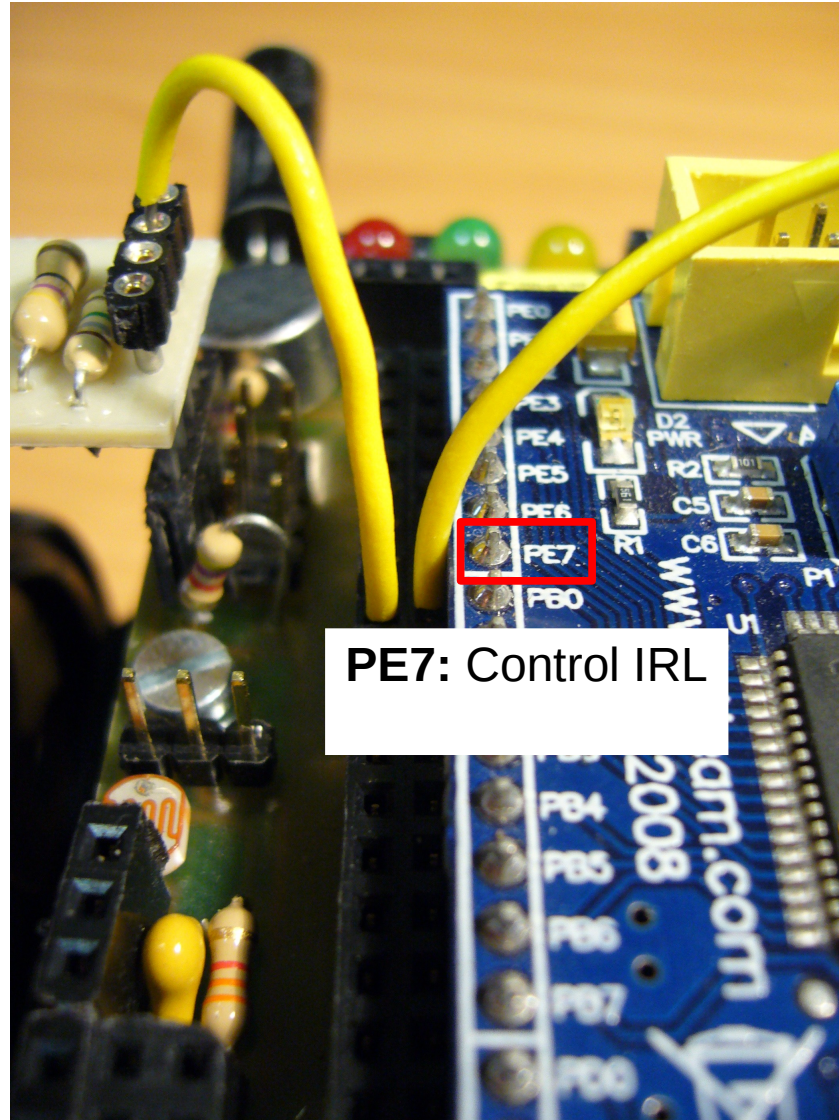


Pinout - IRL



PE7: Control IRL

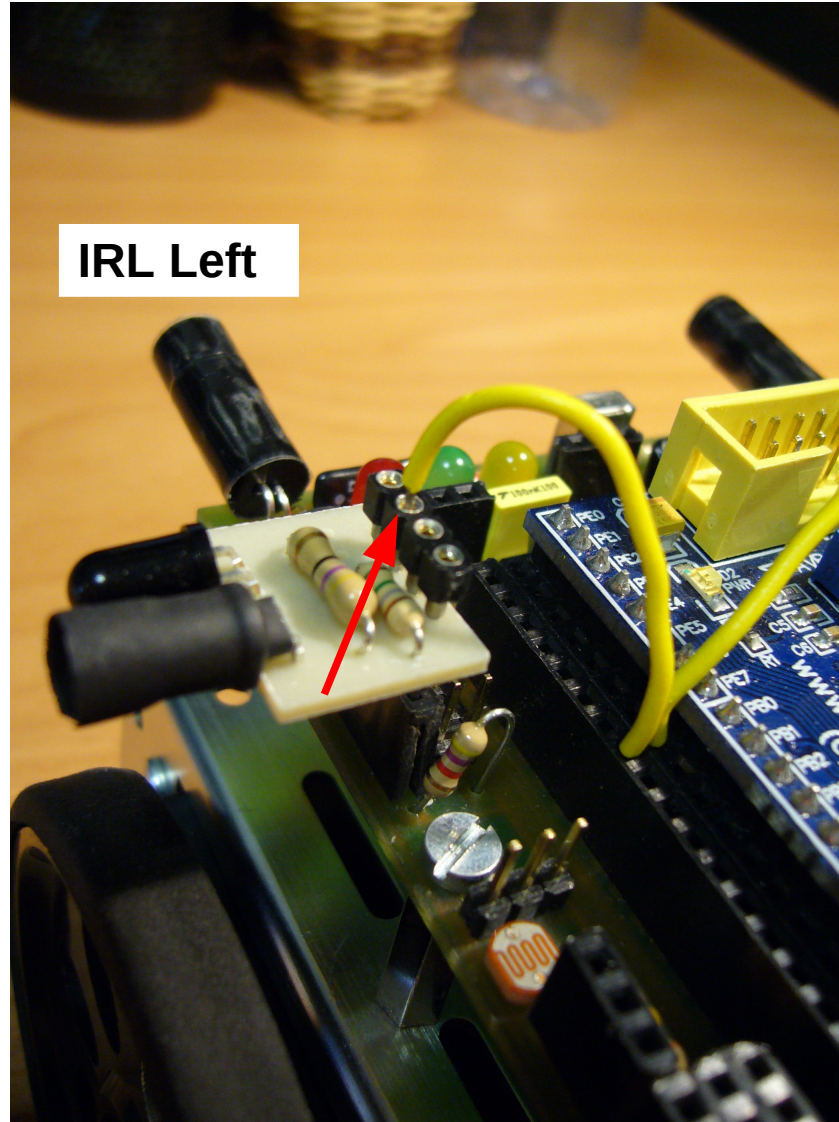
Pinout - IRL



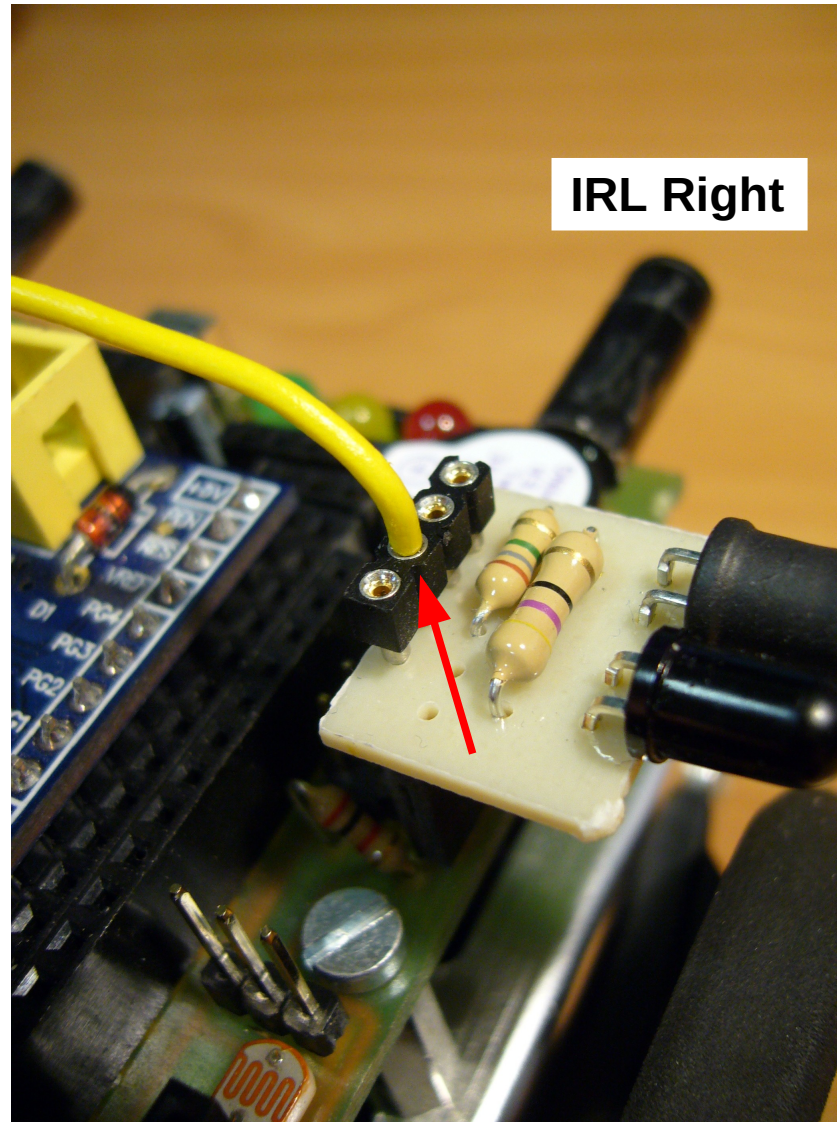
PE7: Control IRL

Pinout - IRL

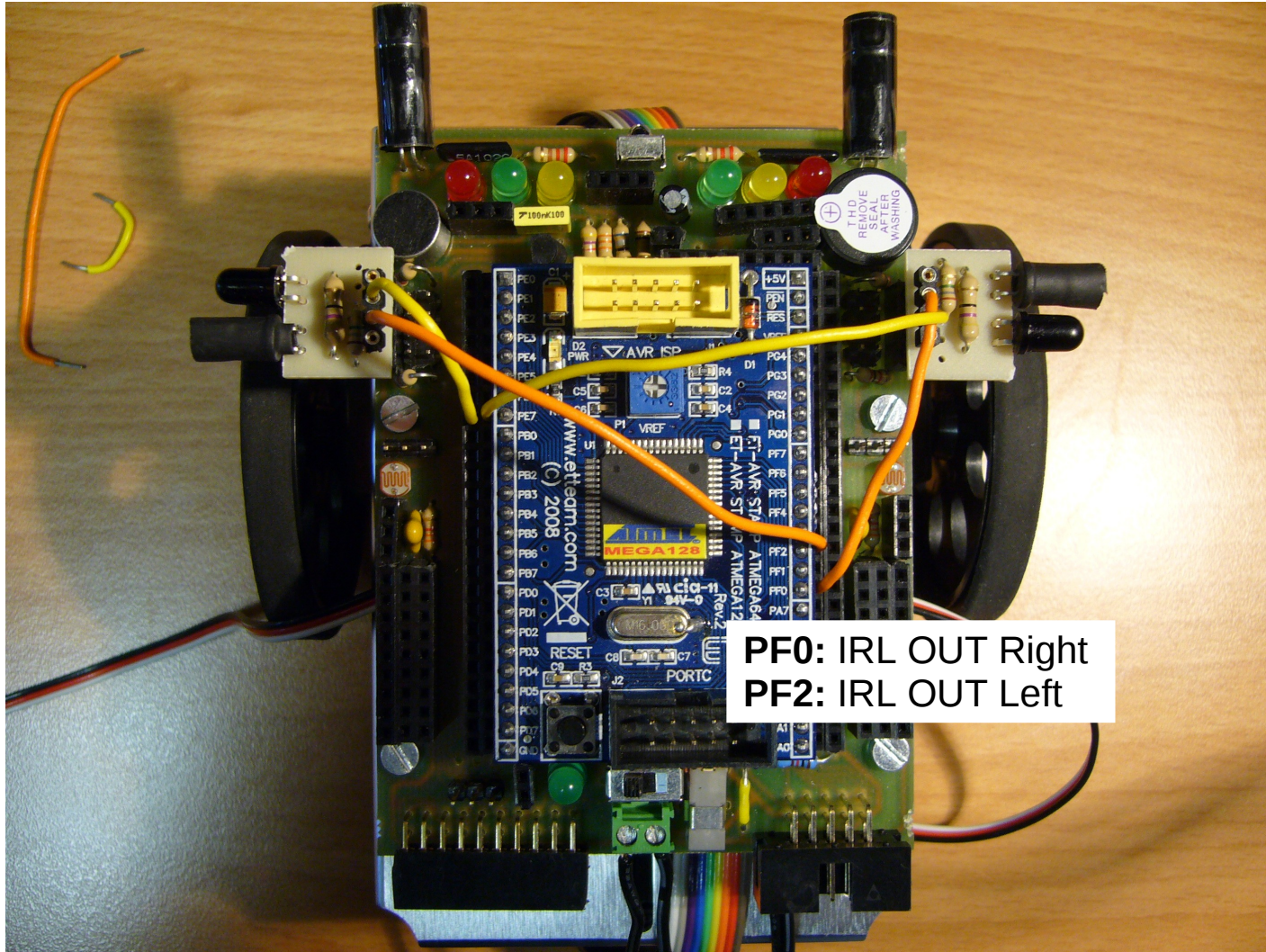
IRL Left



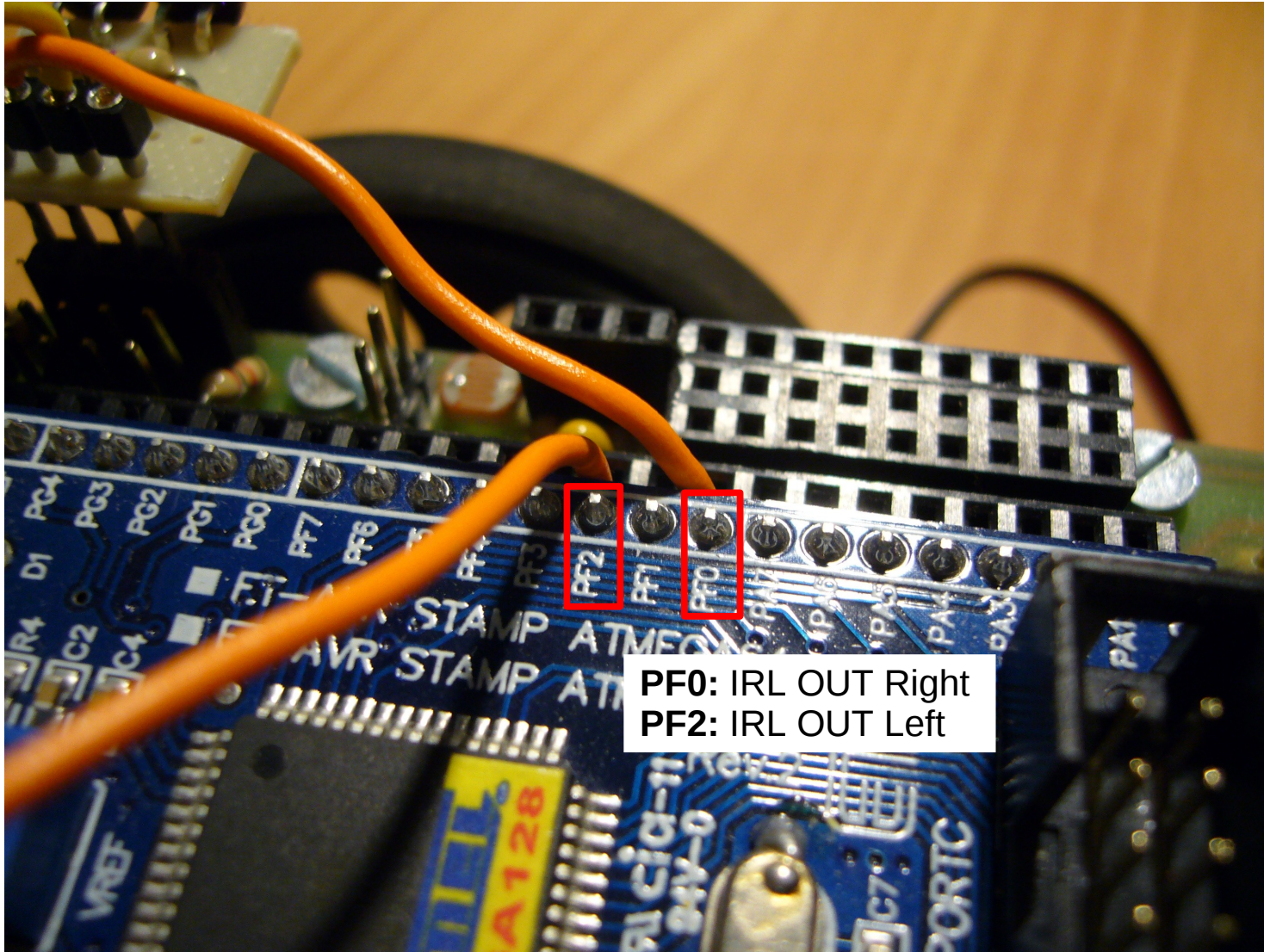
Pinout - IRL



Pinout - IRL

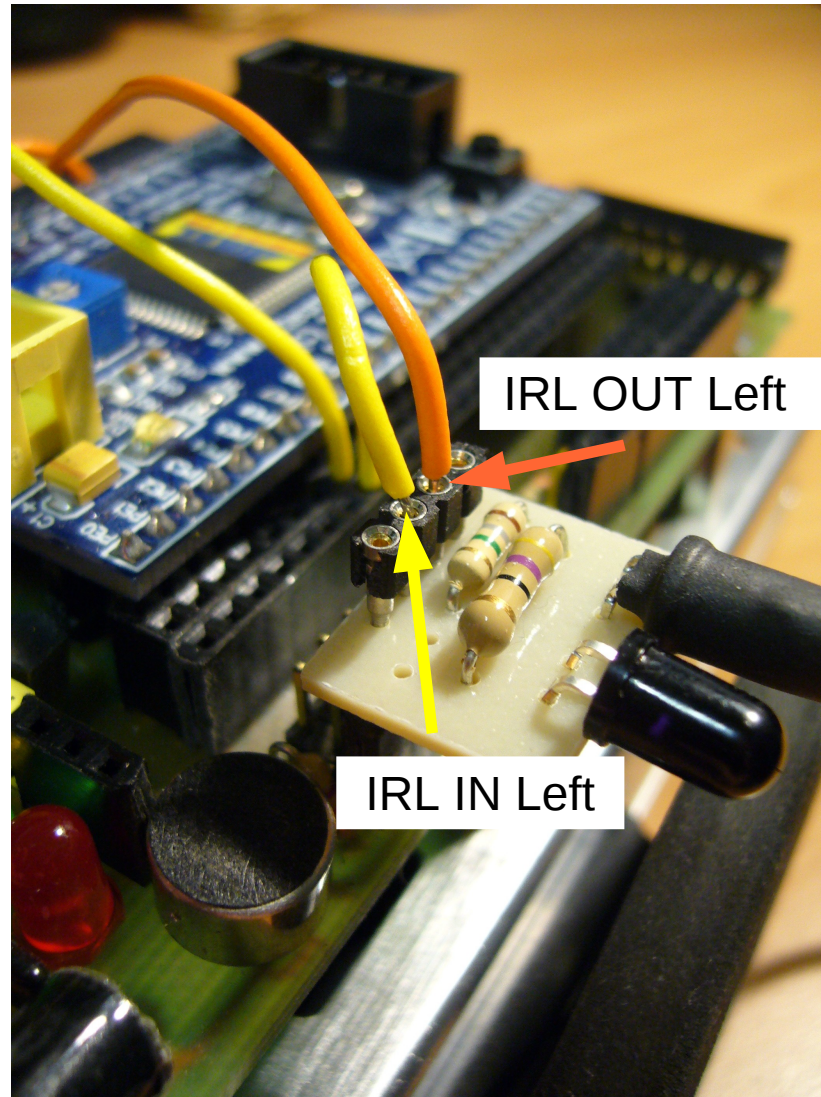


Pinout - IRL

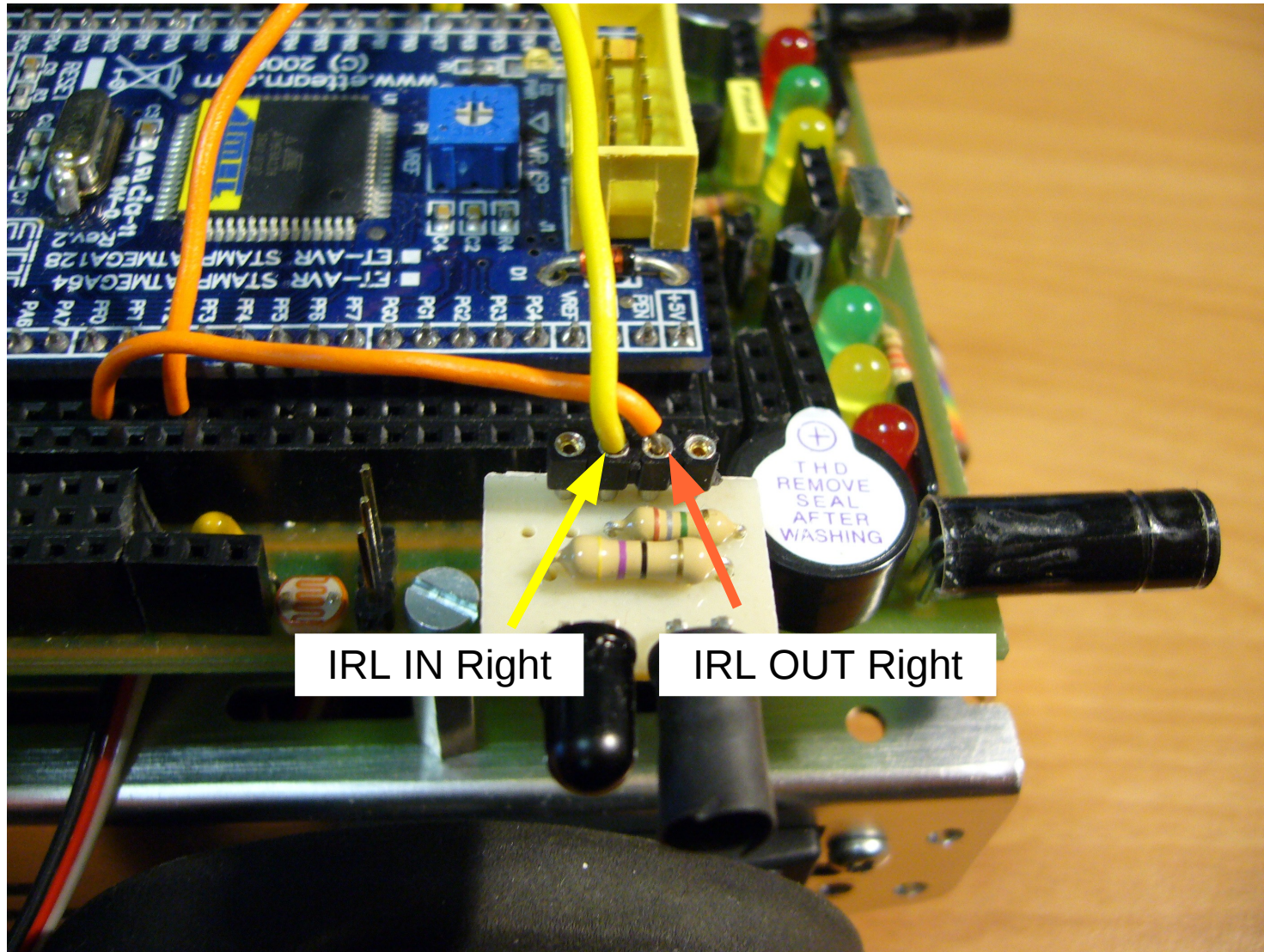


PF0: IRL OUT Right
PF2: IRL OUT Left

Pinout – IRL Left



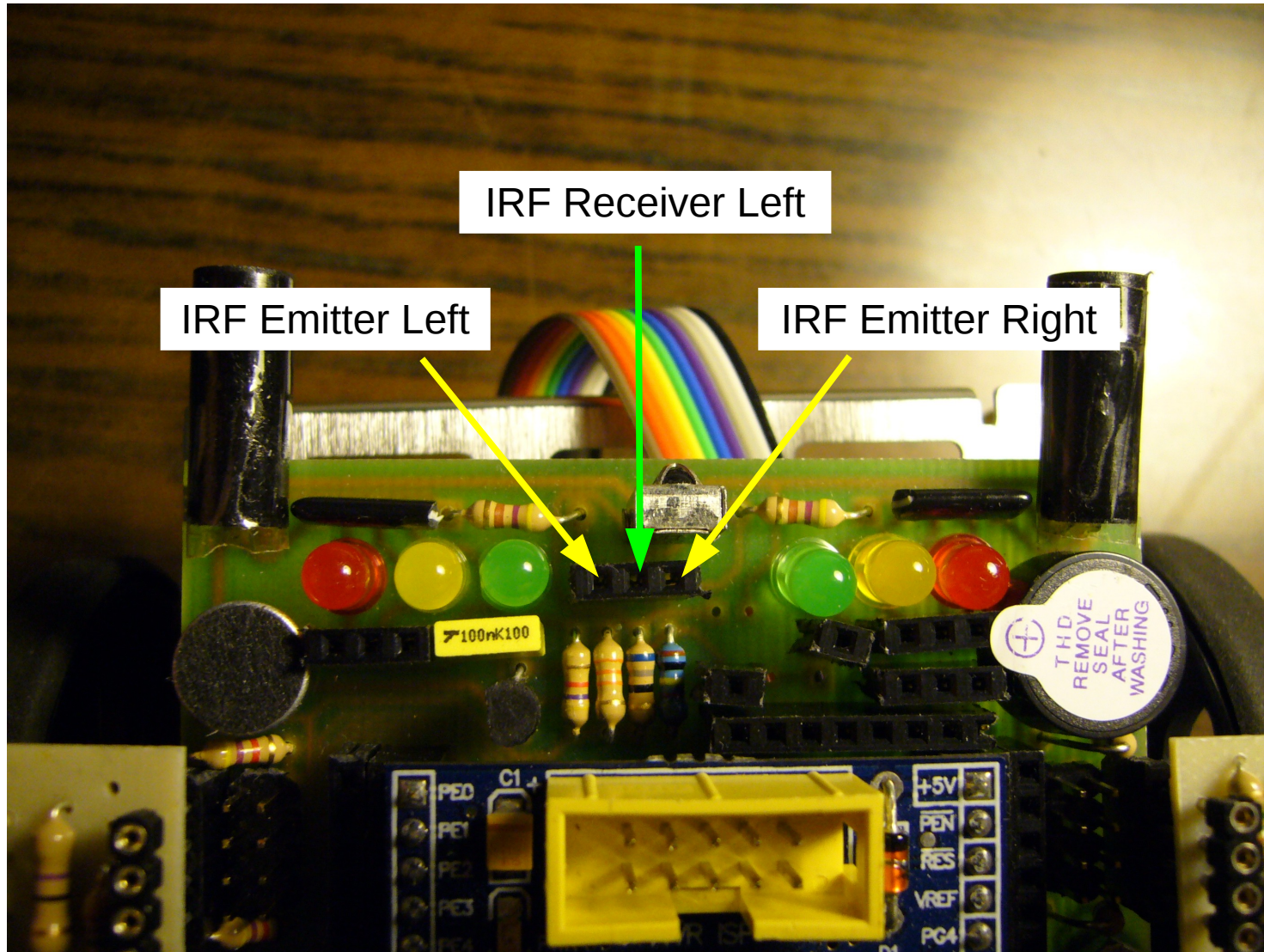
Pinout – IRL Right



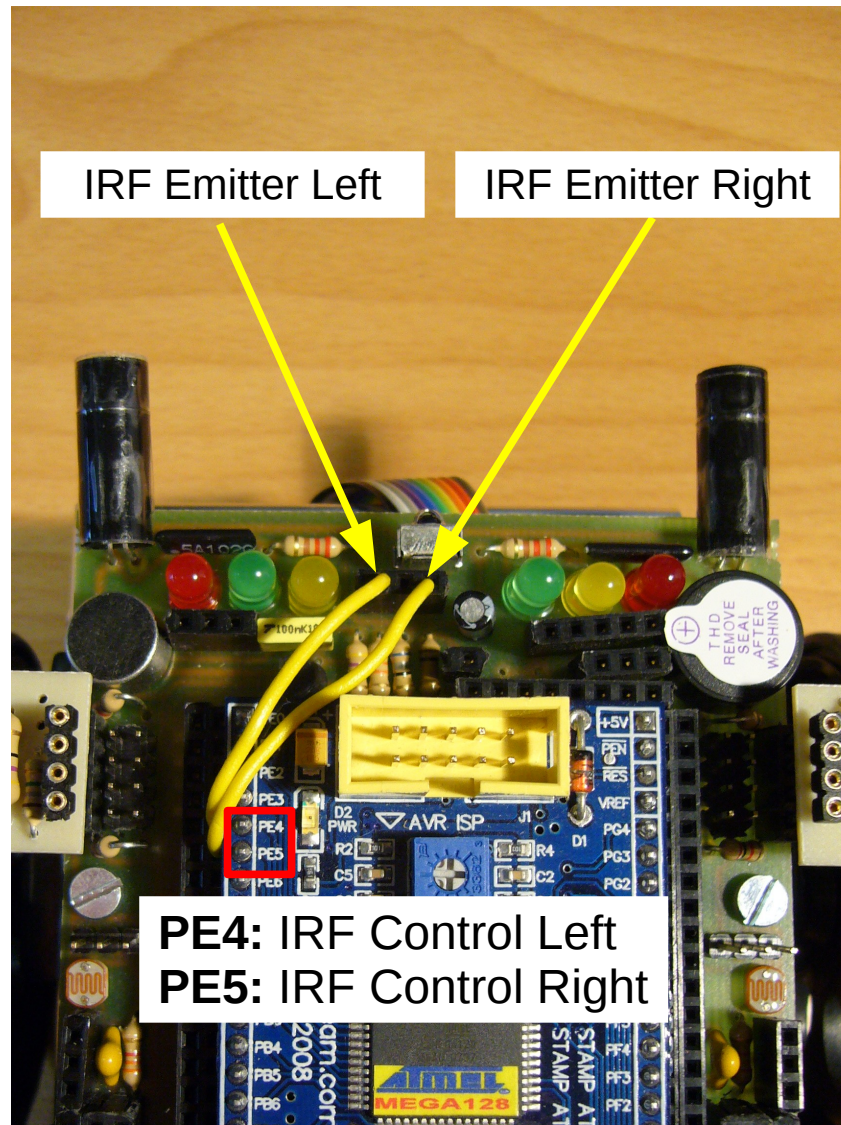
IRL IN Right

IRL OUT Right

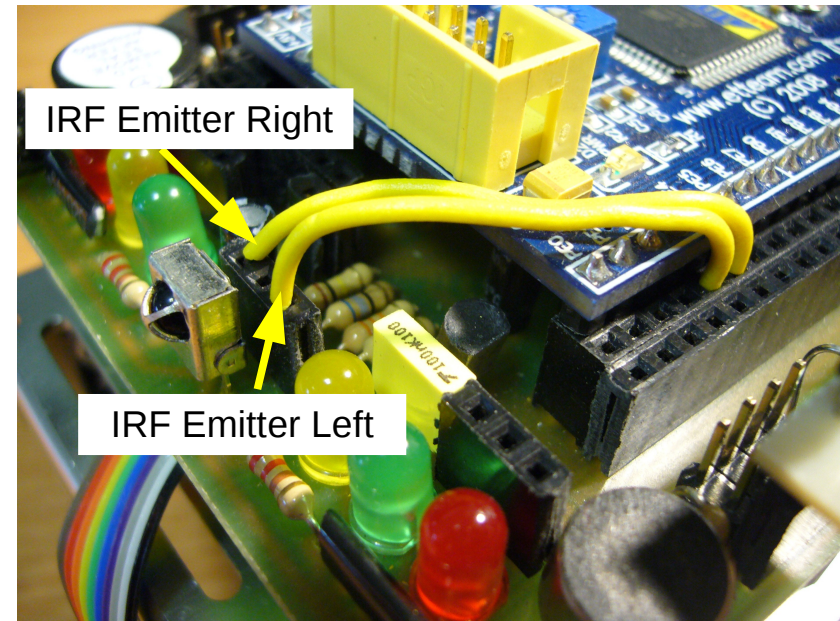
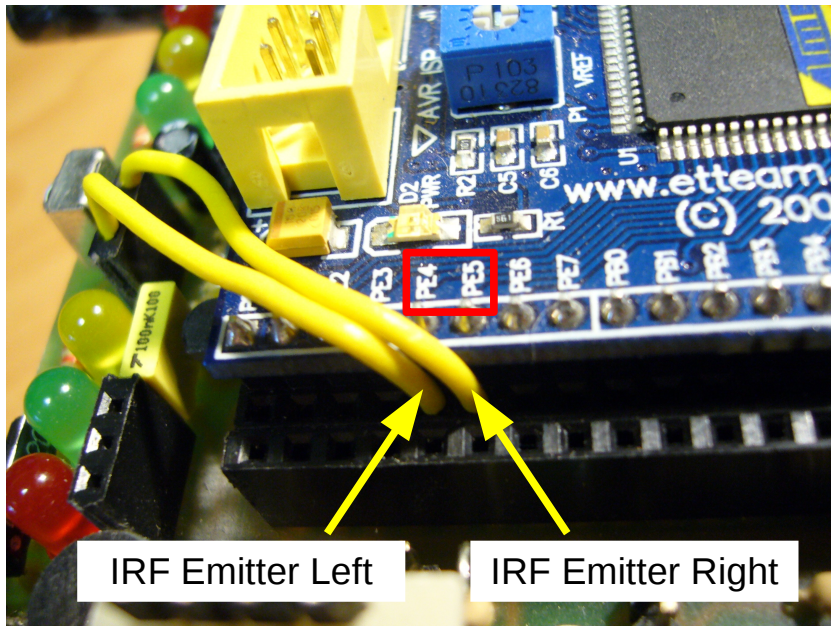
Pinout – IRF



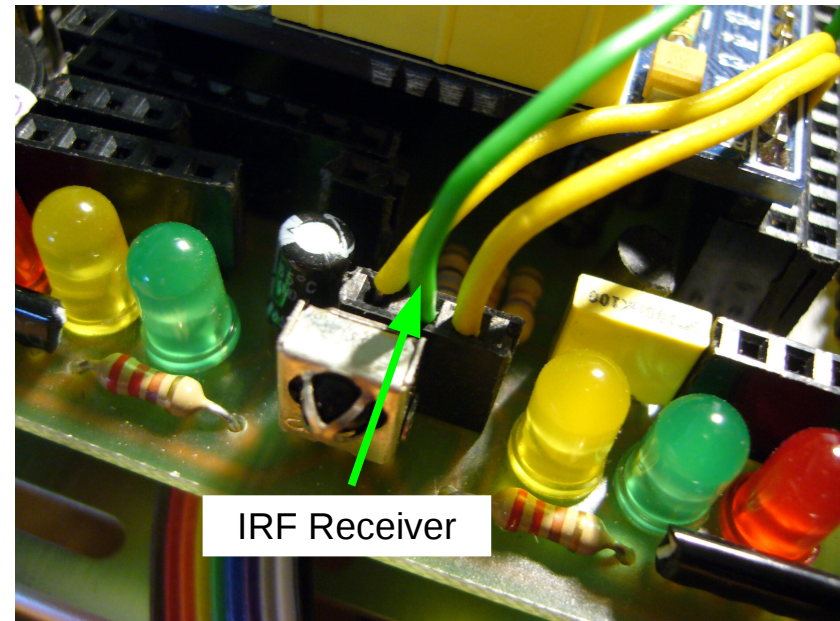
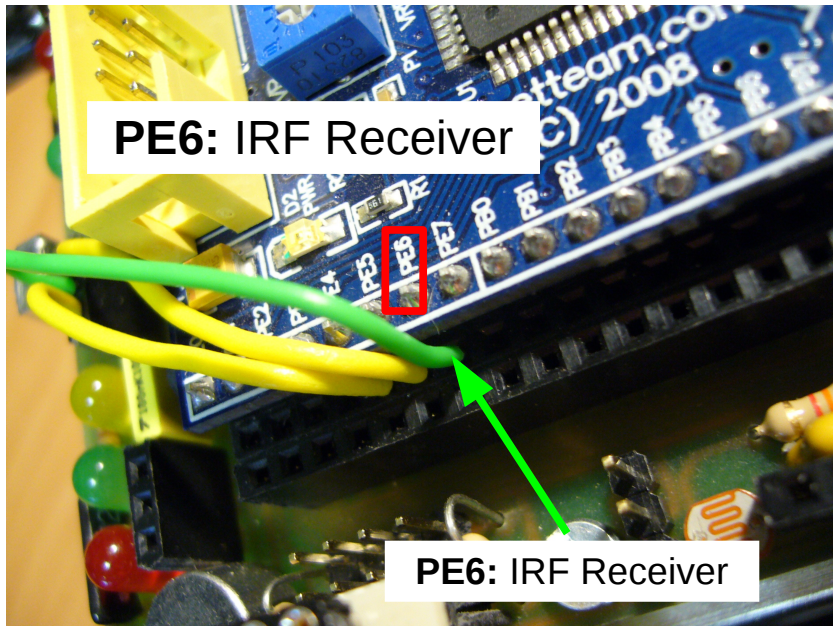
Pinout – IRF



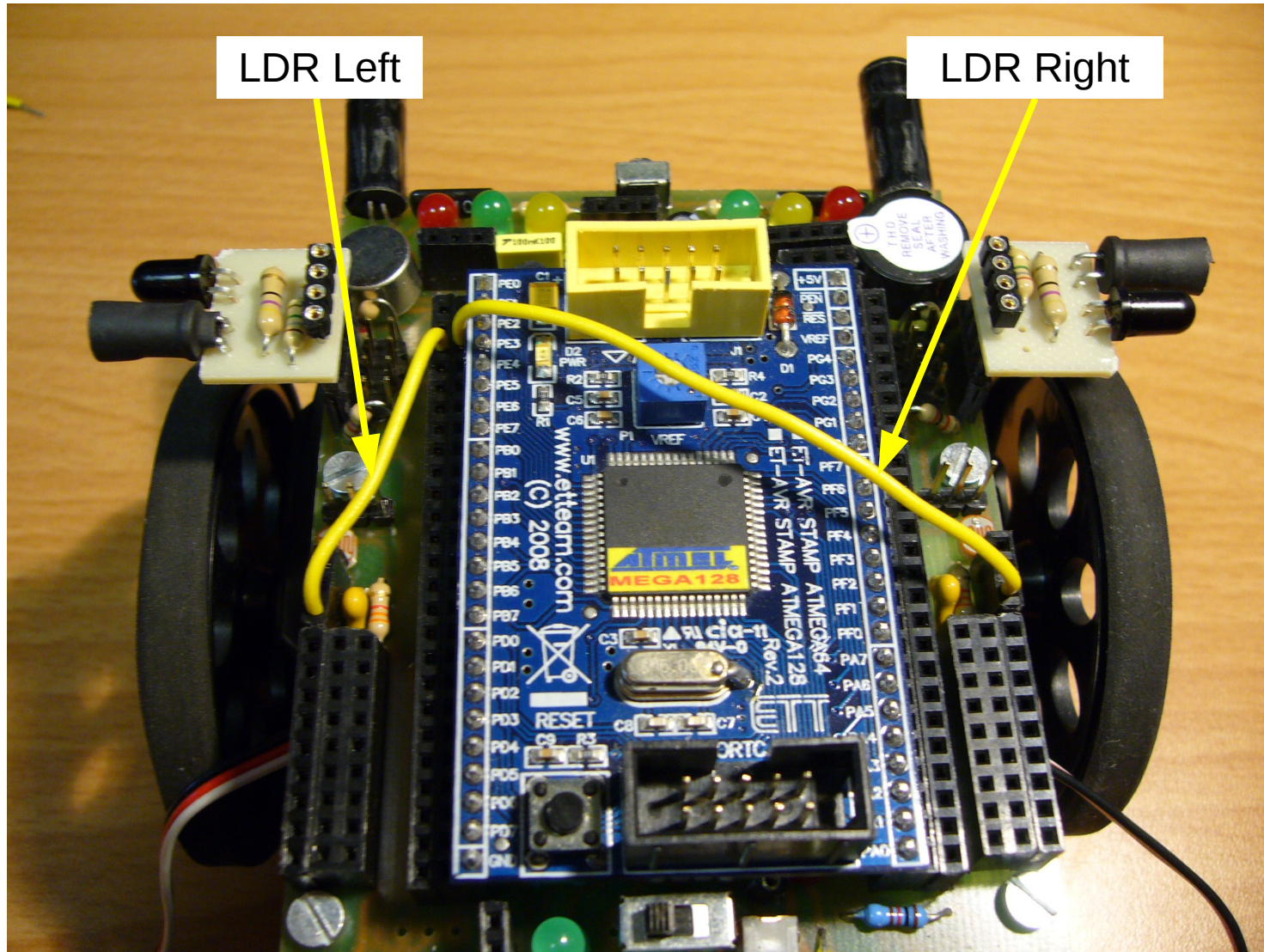
Pinout – IRF



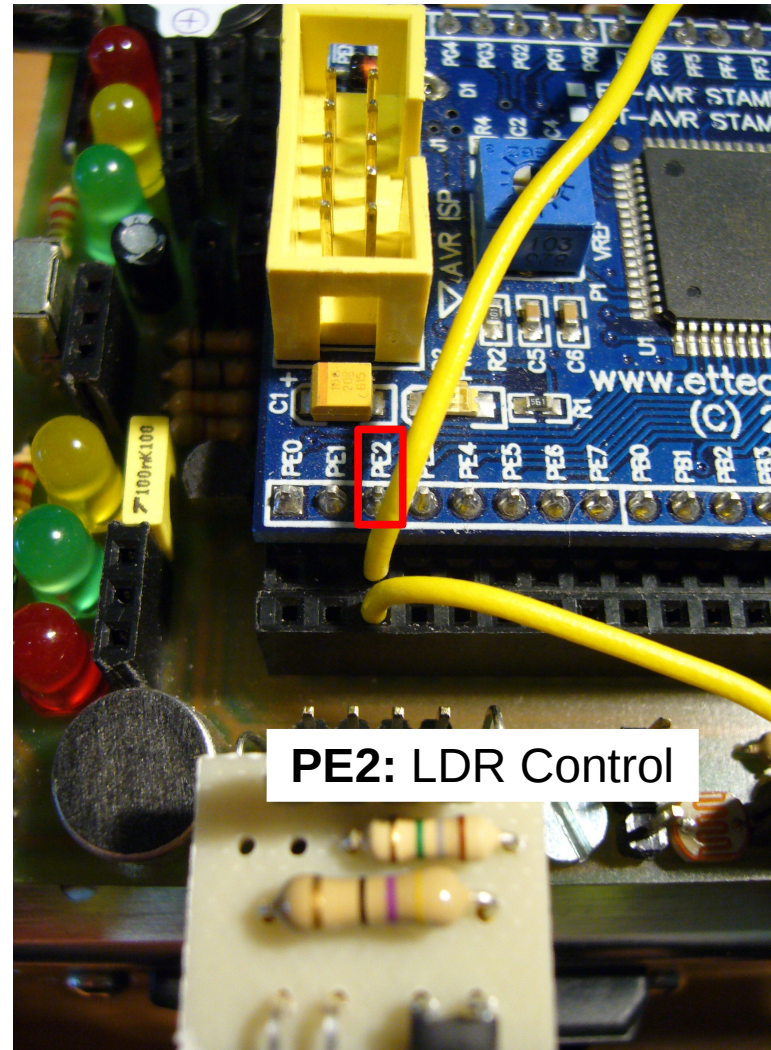
Pinout – IRF



Pinout – LDR

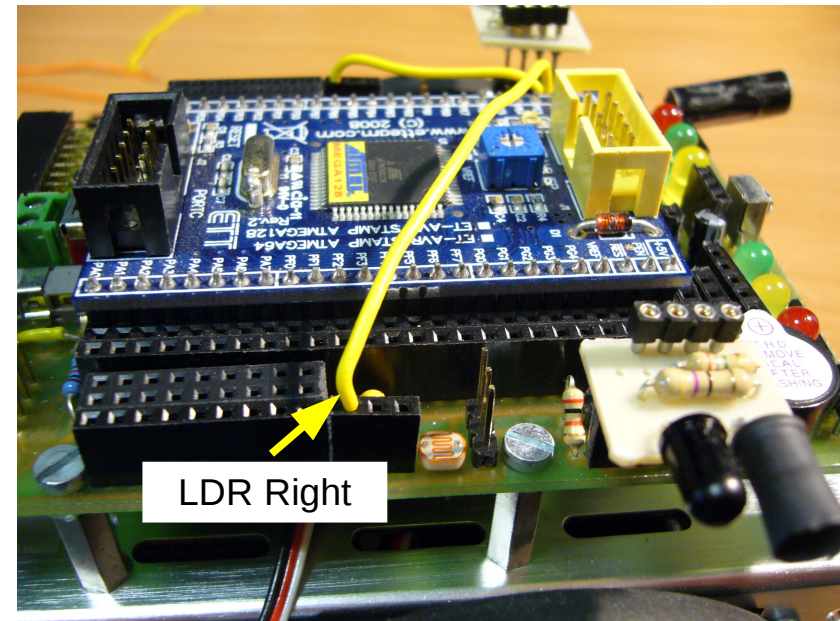
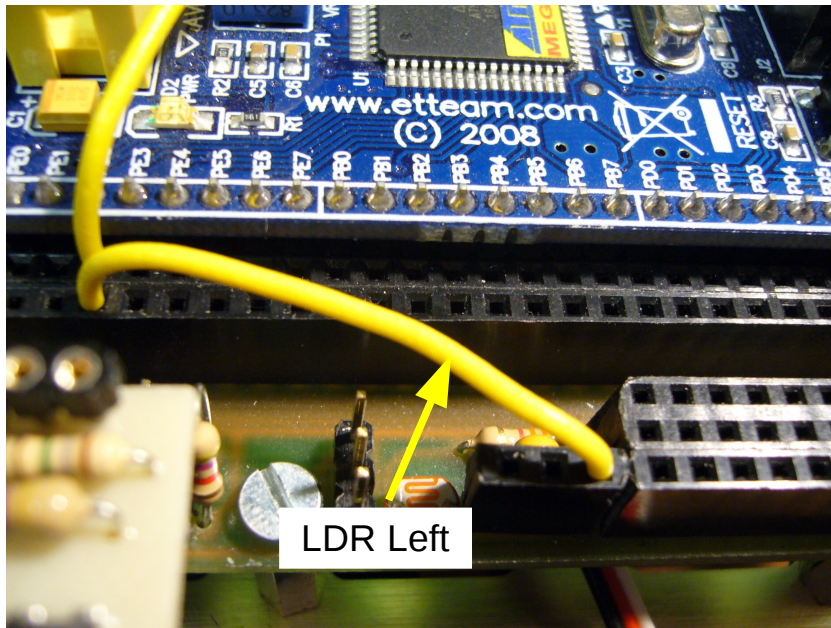


Pinout – LDR

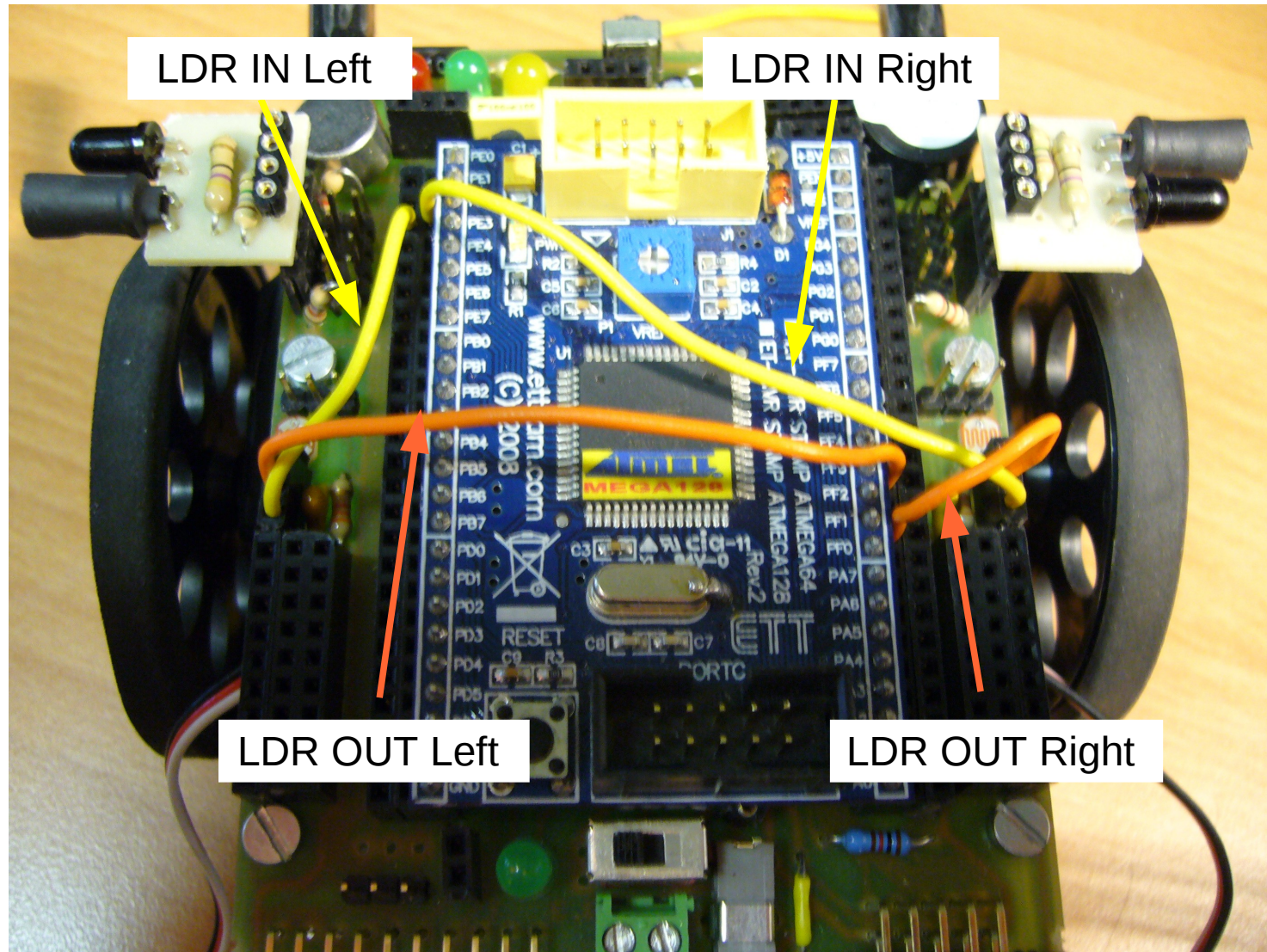


PE2: LDR Control

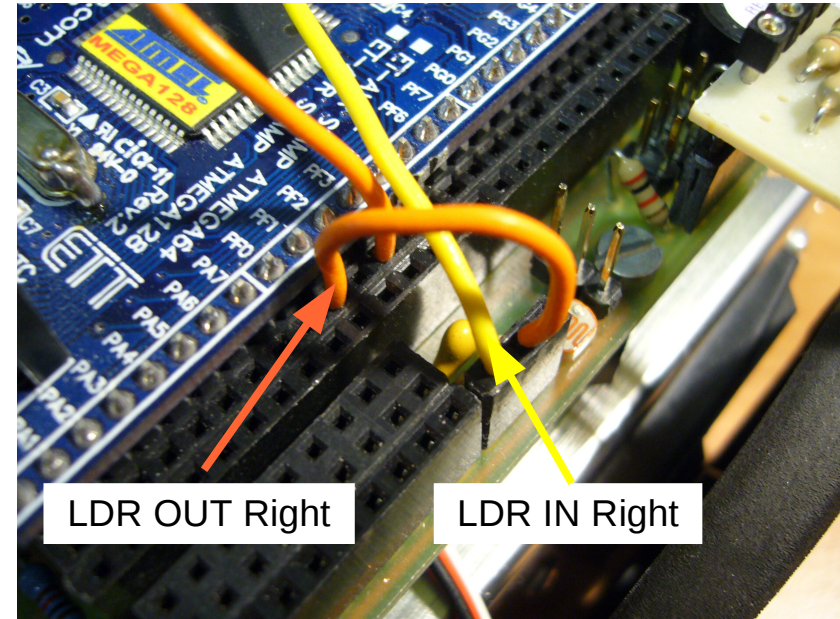
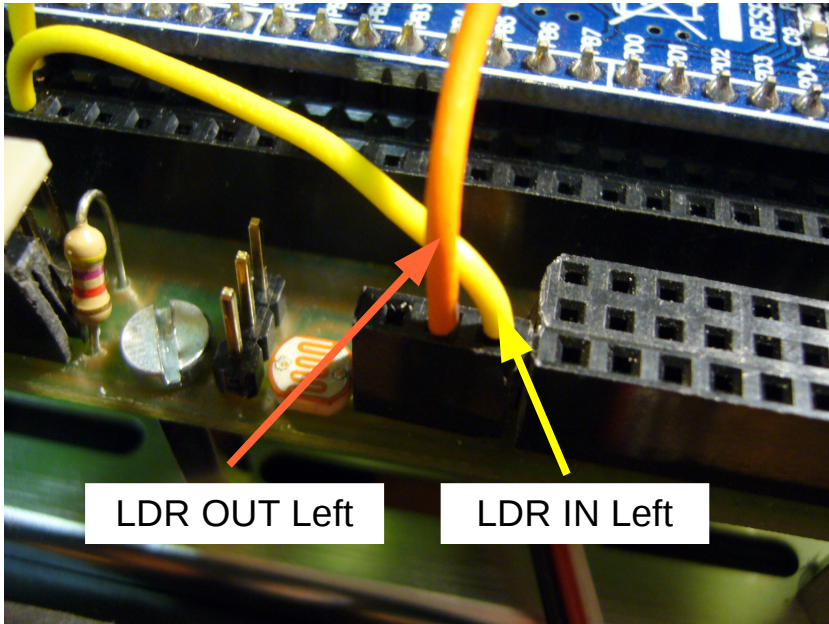
Pinout – LDR



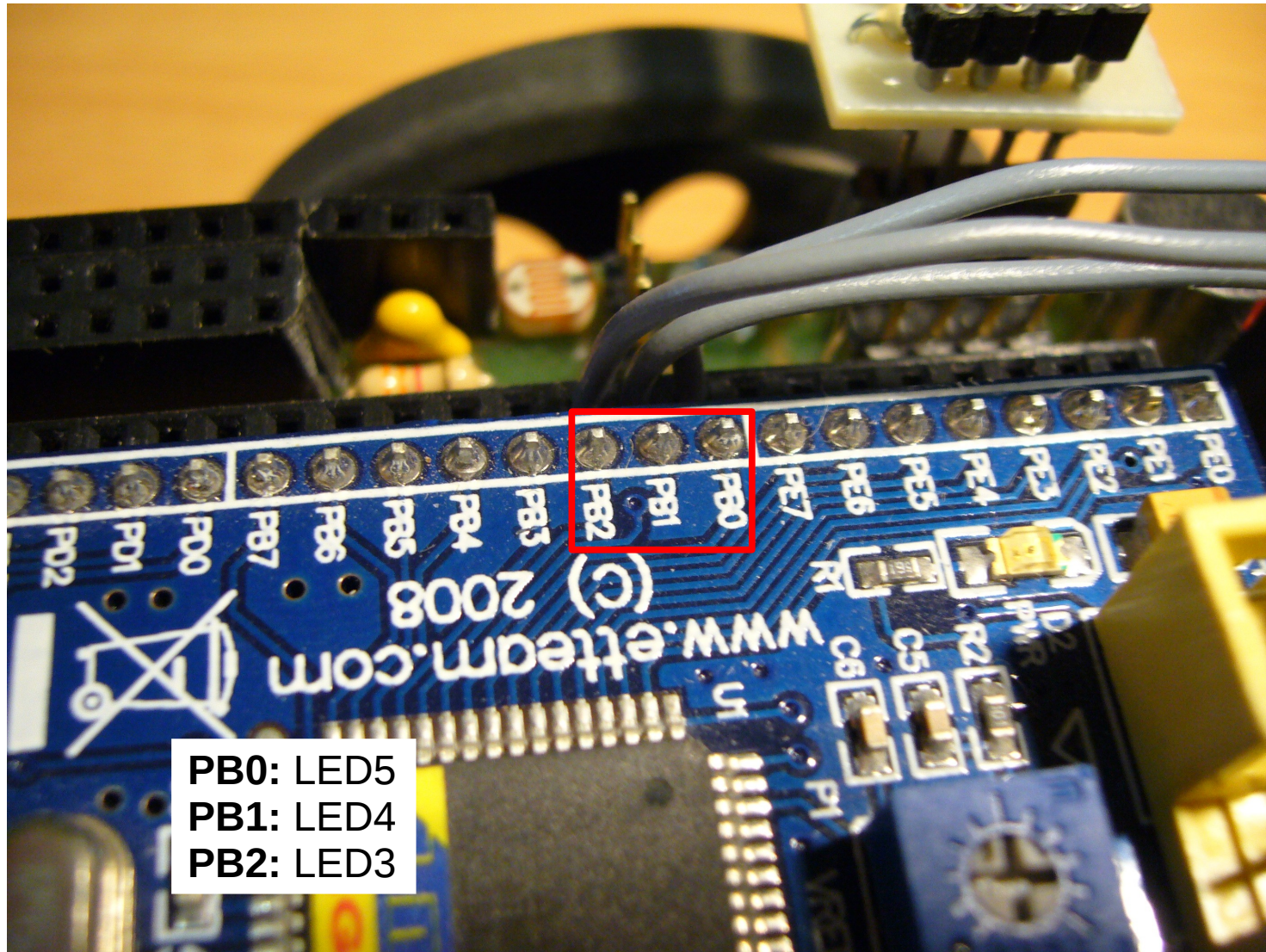
Pinout – LDR



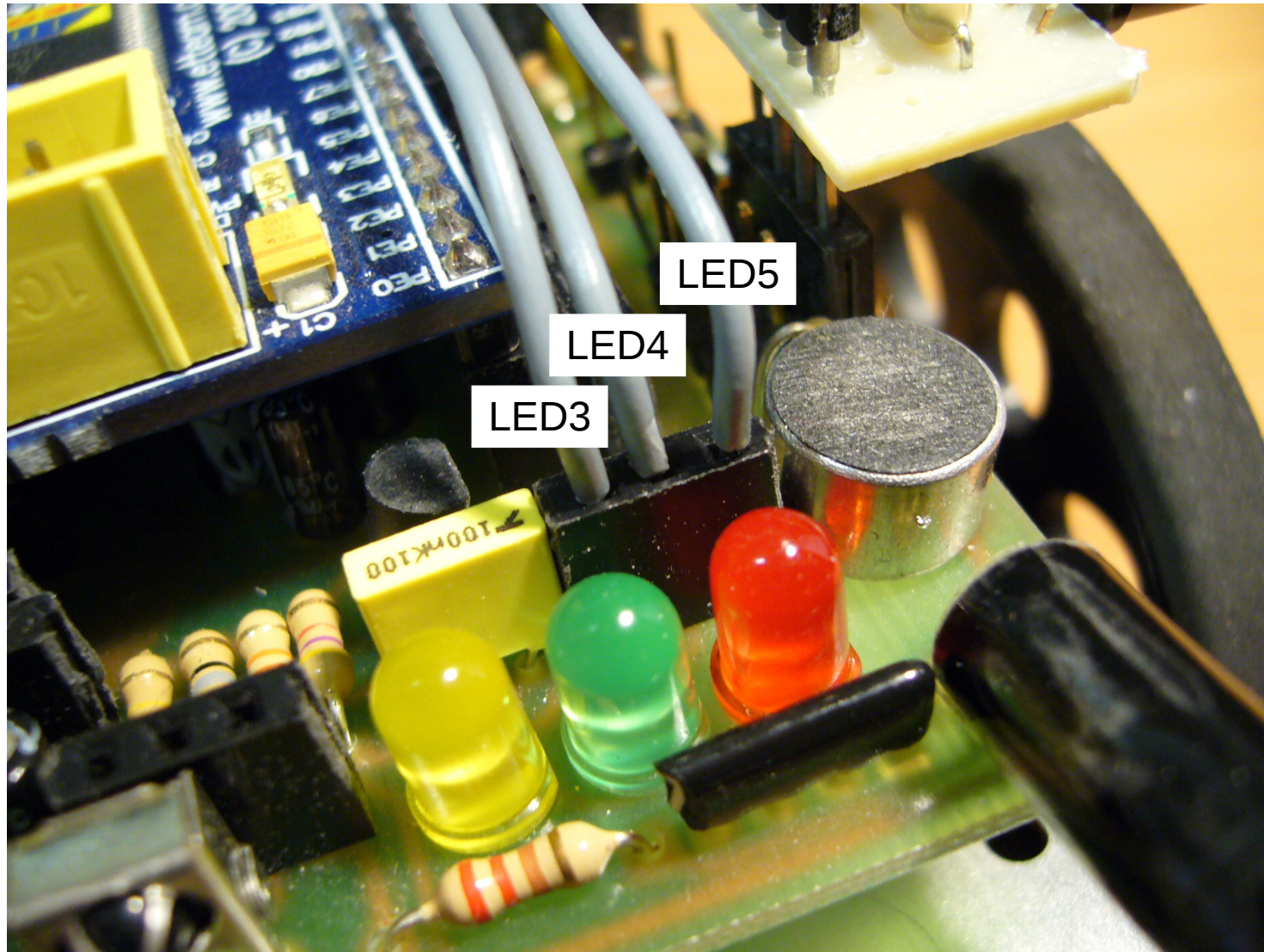
Pinout – LDR



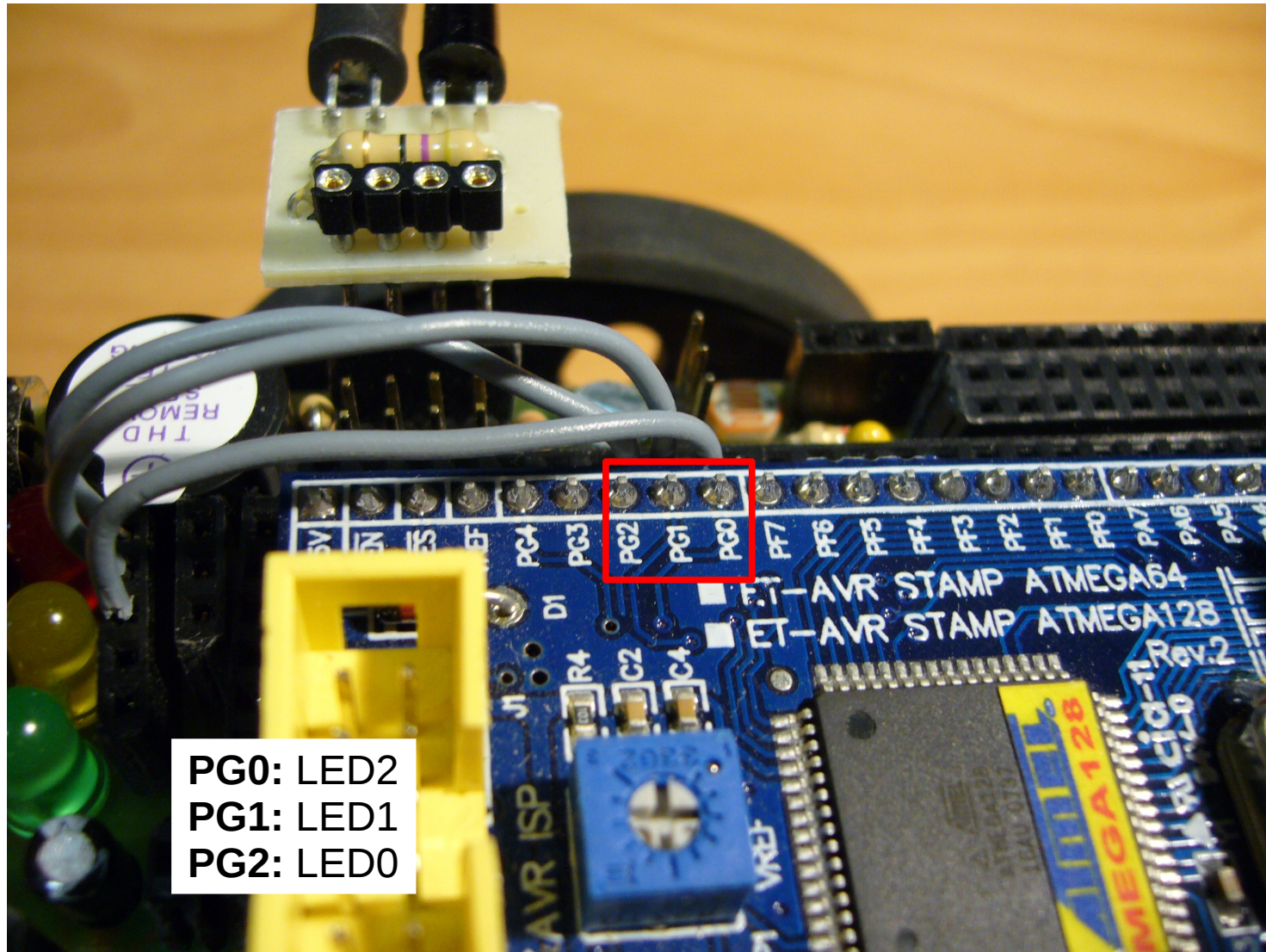
Pinout – LED



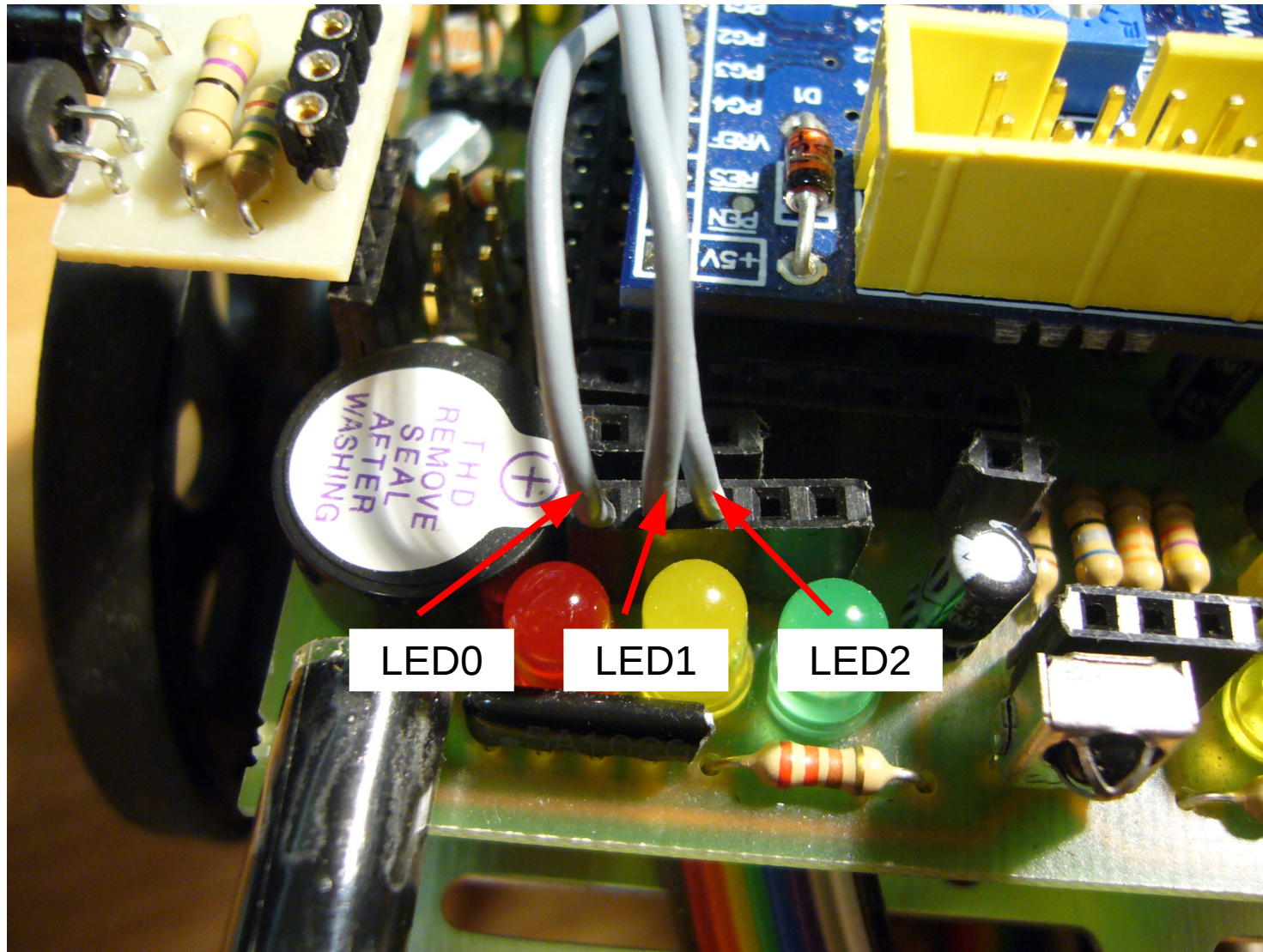
Pinout – LED



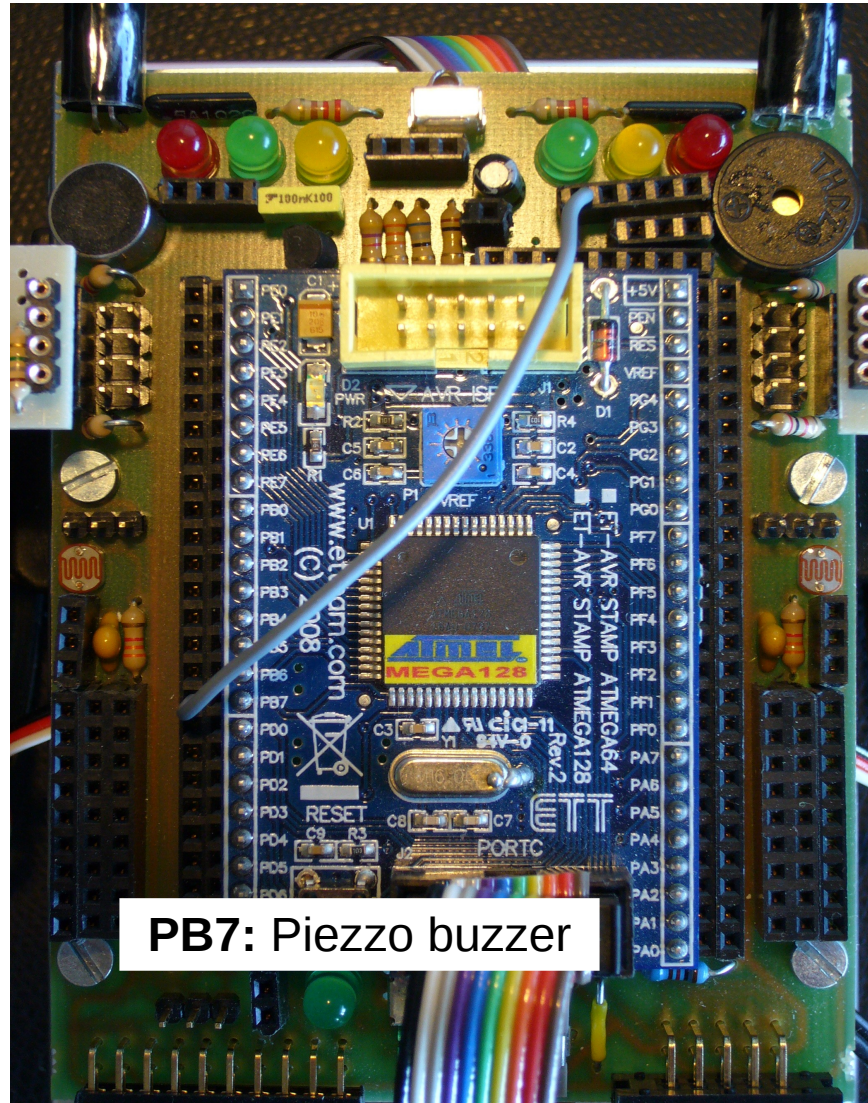
Pinout – LED



Pinout – LED

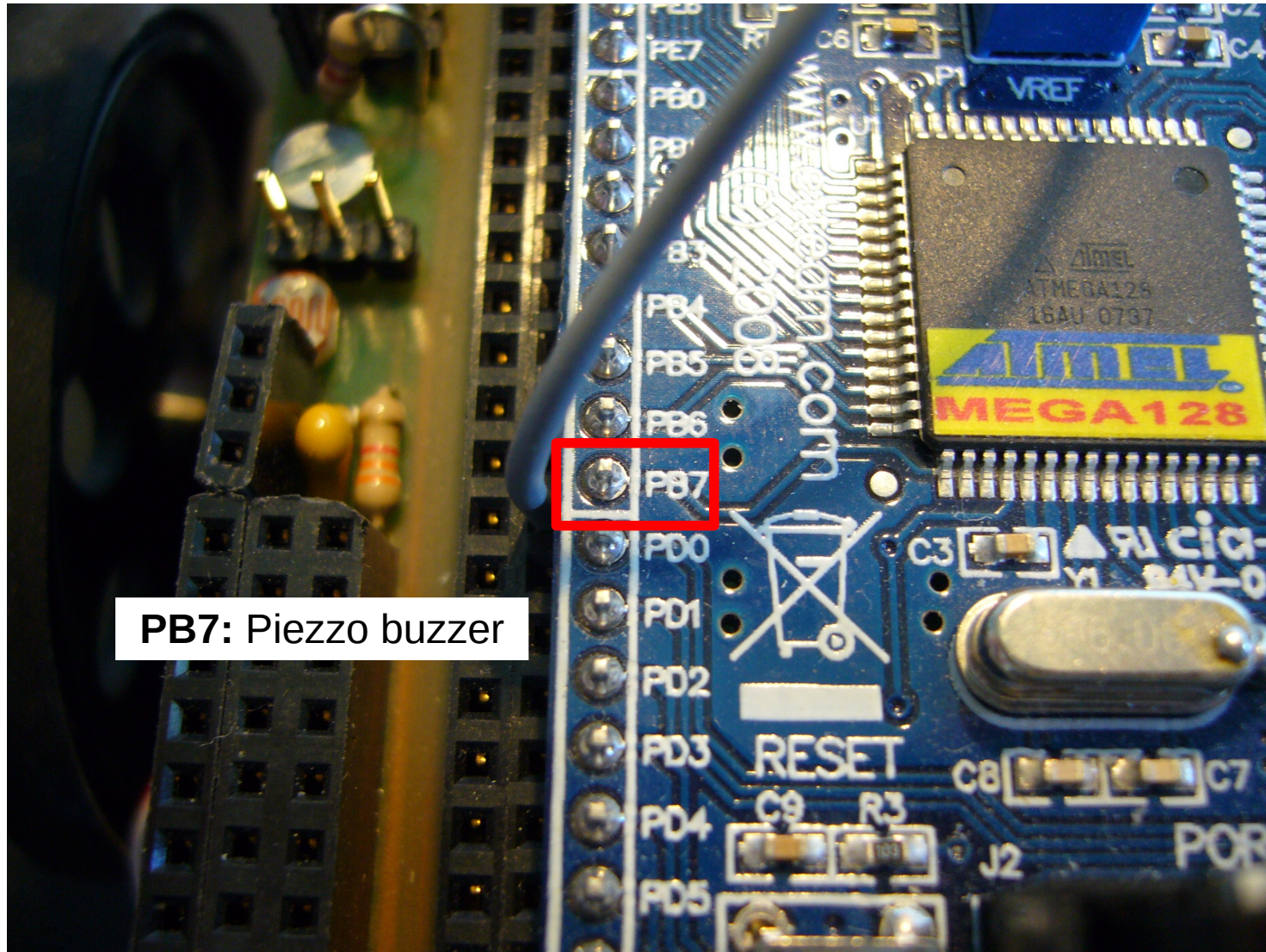


Pinout – Piezzo buzzer



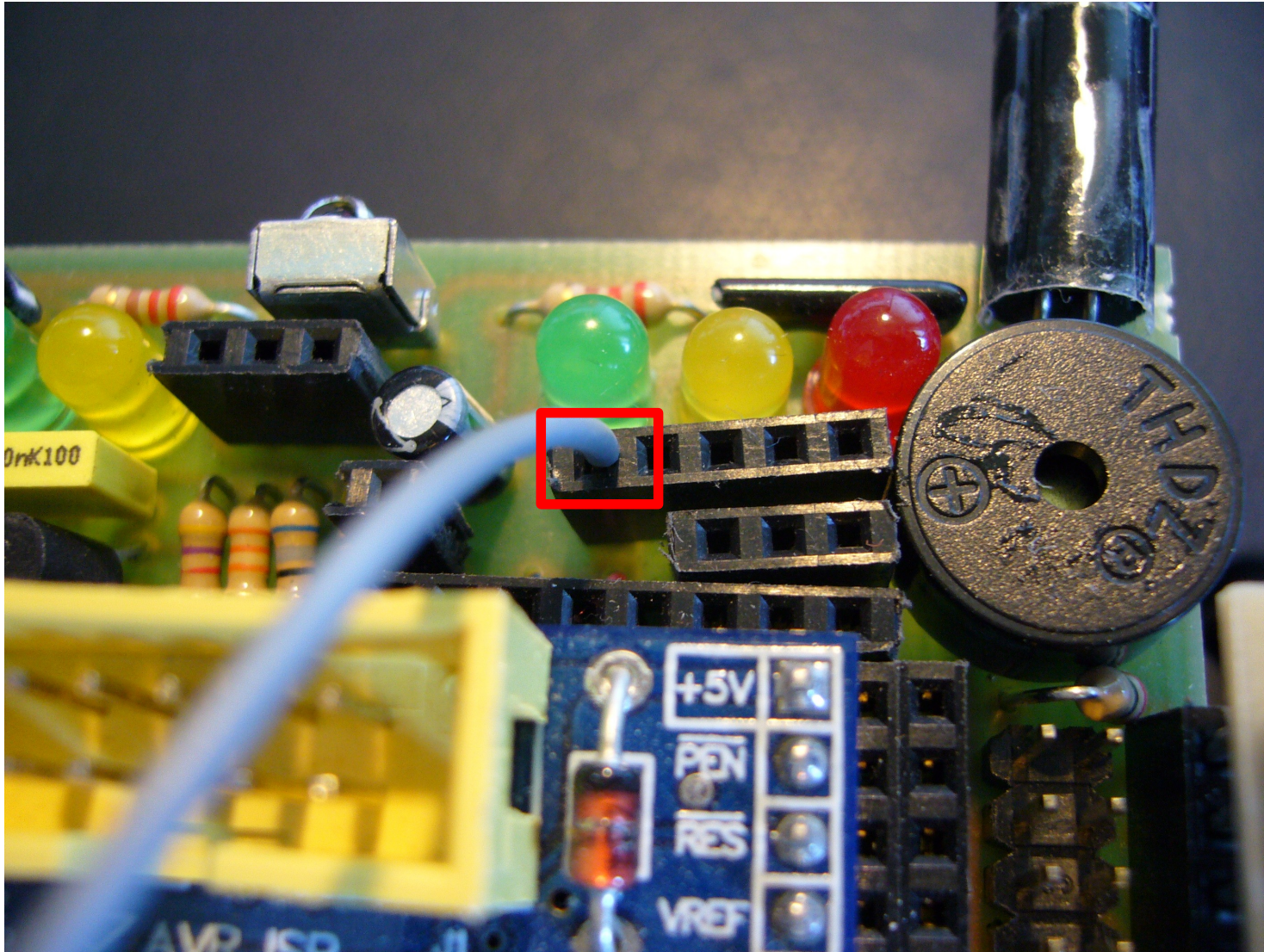
PB7: Piezzo buzzer

Pinout – Piezzo buzzer

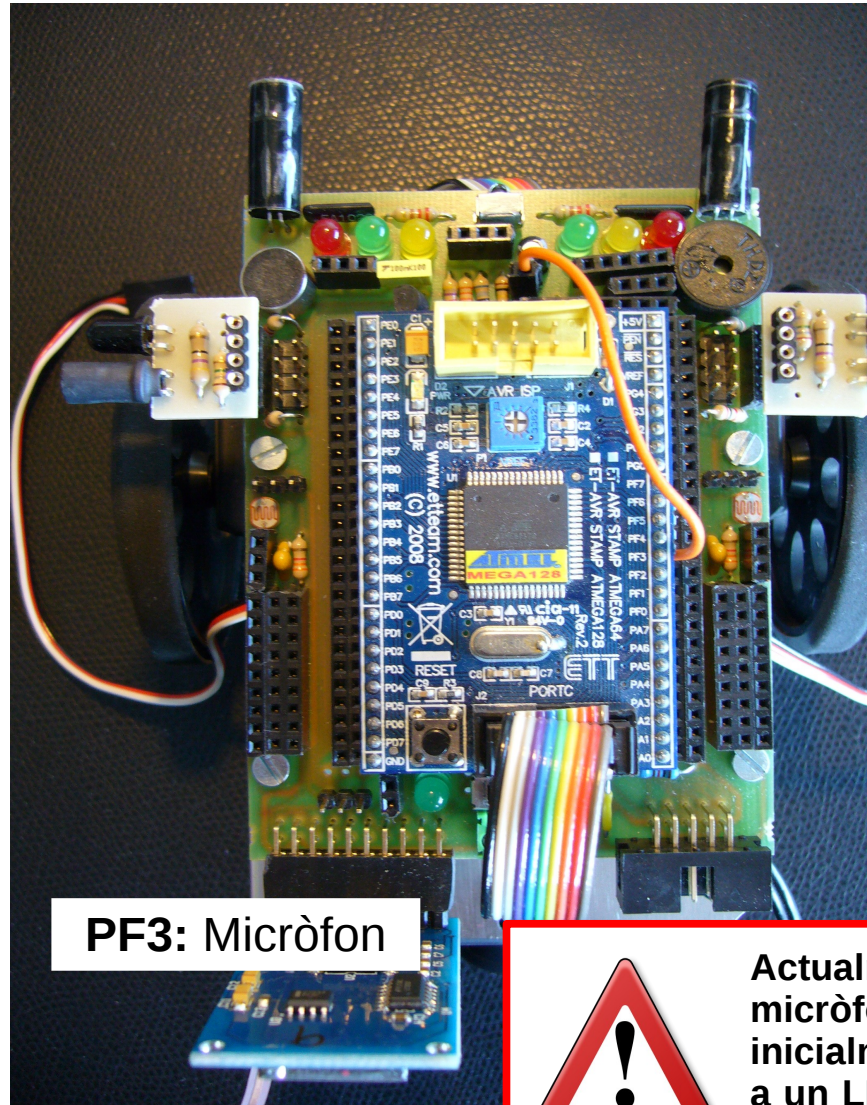


PB7: Piezzo buzzer

Pinout – Piezzo buzzer



Pinout – Micròfon

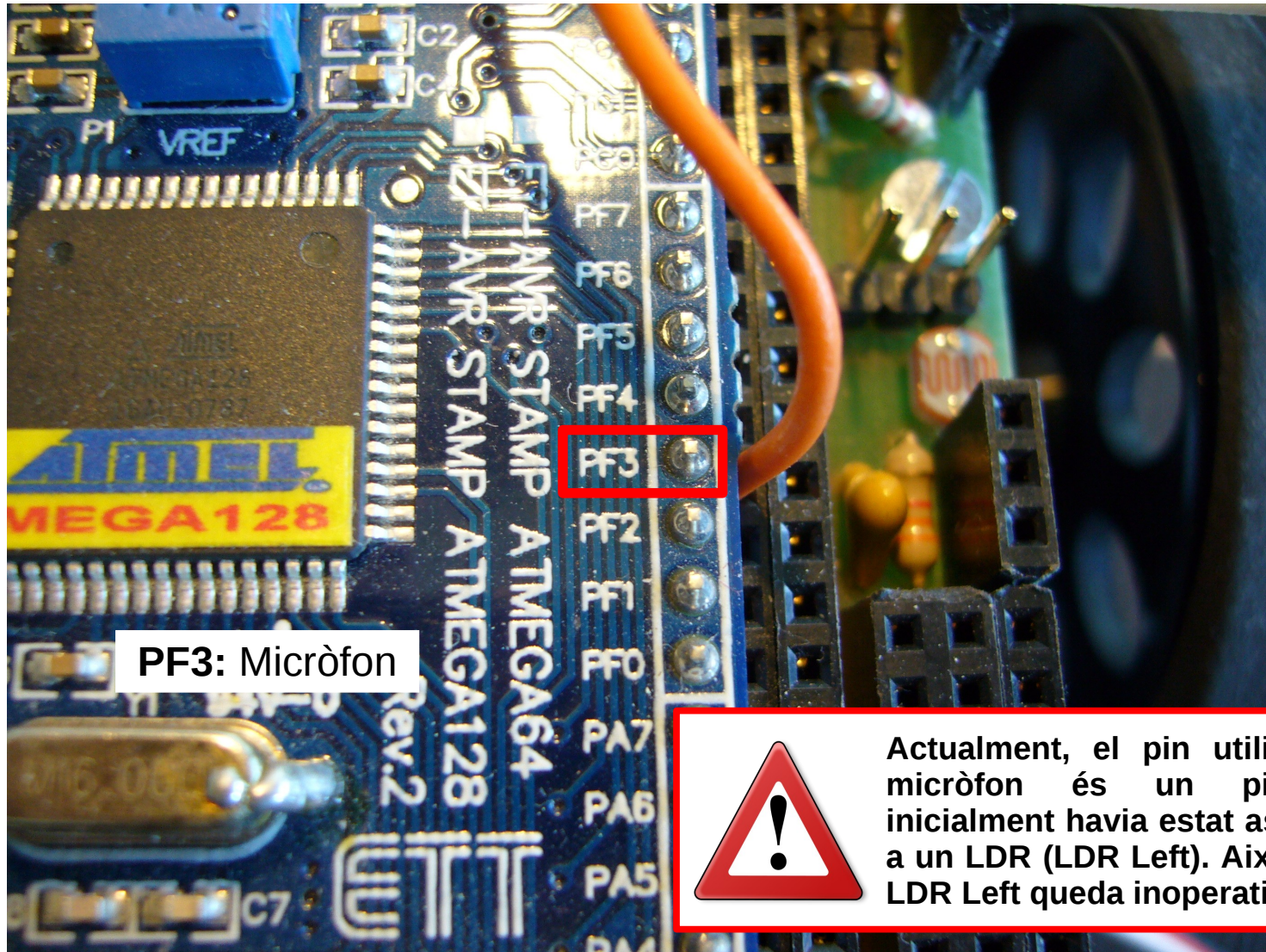


PF3: Micròfon



Actualment, el pin utilitzat pel micròfon és un pin que inicialment havia estat assignant a un LDR (LDR Left). Així doncs, LDR Left queda inoperatiu.

Pinout – Micròfon



PF3: Micròfon



Actualment, el pin utilitzat pel micròfon és un pin que inicialment havia estat assignant a un LDR (LDR Left). Així doncs, LDR Left queda inoperatiu.

Pinout – Micròfon

