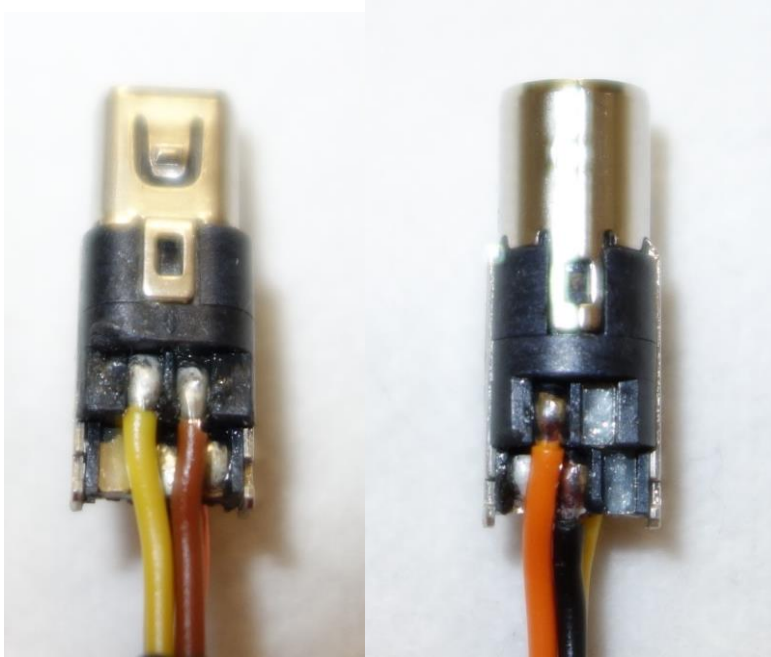


Project RC controlled Sony CAM
Sony CX730 / LANC interface
Arduino based
Platform AQ

Sony 10Pin LANC Plug

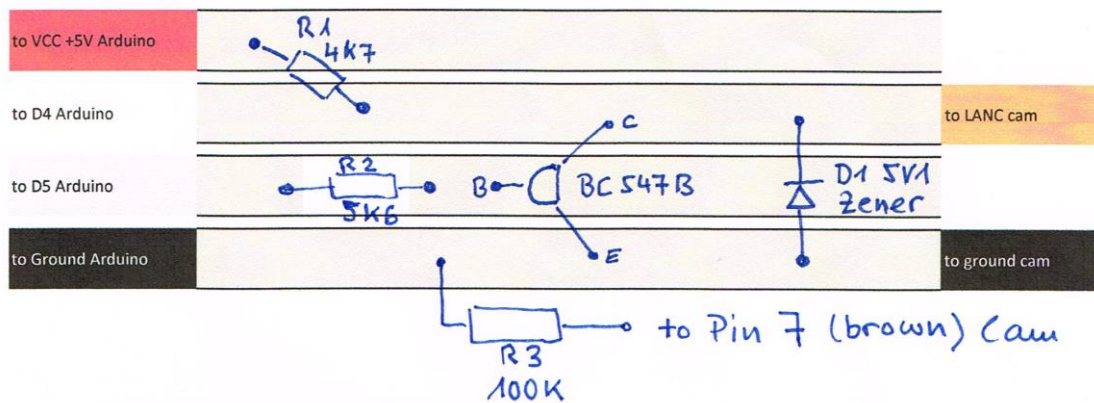
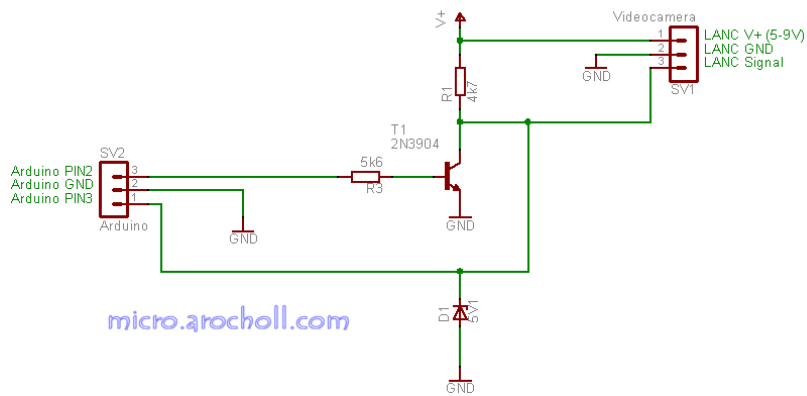


Yellow : pin 9 Video
Brown : pin 7 (enable LANC on pin 2 and Video out on pin 9)
Orange : pin 2 LANC
Black : pin 3 Ground

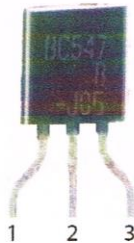
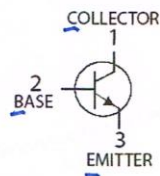
Pin Number	Pin Name	Description
1		Audio out LEFT
2		LANC data*
3		S-video pin 1 & 2 (GND) also LANC GND
4		LANC +5VDC
5		S-video pin 4, chroma
6		Audio out RIGHT
7		Connecting this pin with 100k ohm resistor to GND (pin 3) activate Video Out on pin 9 - Without resistor = LANC functions enabled
8		Composite video and R & L audio out common
9		Composite video out
10		S-video pin 3, luminance

*LANC interface available in some models only?

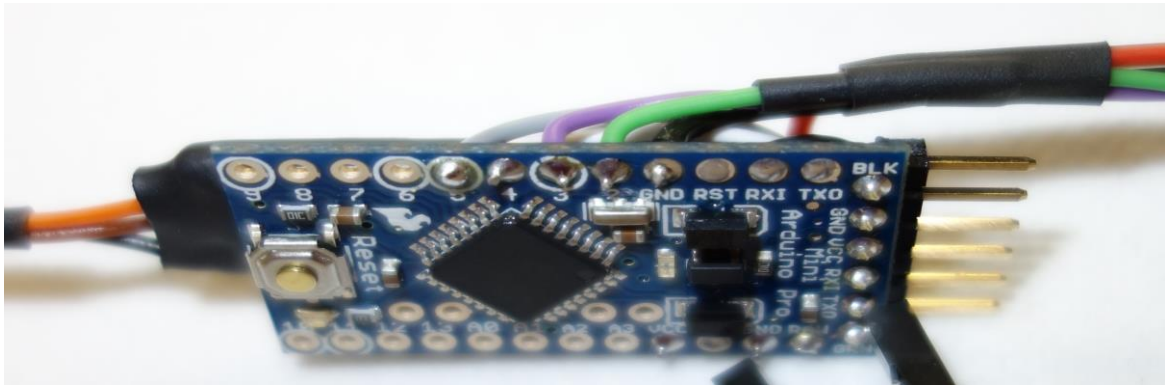
Interface



BC547 NPN
TRANSISTOR



Arduino



- D2: PWM signal from 3 Pos switch CamOff/CamOn/Record
- D3: PWM signal from pot ZoomIn/ZoomOut
- D4: To Interface (read)
- D5: To Interface (write)

AQ

I use ports 13 & 14 for the cam control.

In gimbal.c and gimbal.h the changes are between marks „CAS“.

Christof Schmid, 1.4.2013