

Arduino Shield for G5500 to UART

CONSTRUCTION COPY

5-Apr-2018

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G5500
(TS66A)

DIN-8 RJ-45

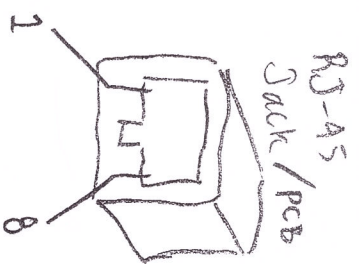
Arduino function

Arduino pins

DIN-8	RJ-45
1 0	CCW
2 0	CW
3 0	EL-V
4 0	+V
5 0	A2-V
6 0	GND
7 0	DN
8 0	UP

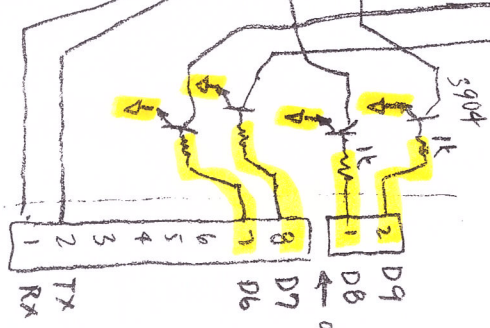
Arduino function	Arduino pins
CCW	D7
CW	D6
EL-V	AN1
+V	AN0
A2-V	GND
GND	D9
DN	D8
UP	D7

Cable

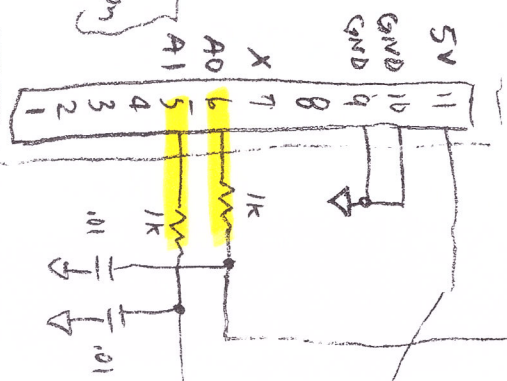


UART	Terminals
1 0	+5
2 0	TX
3 0	RX
4 0	GND

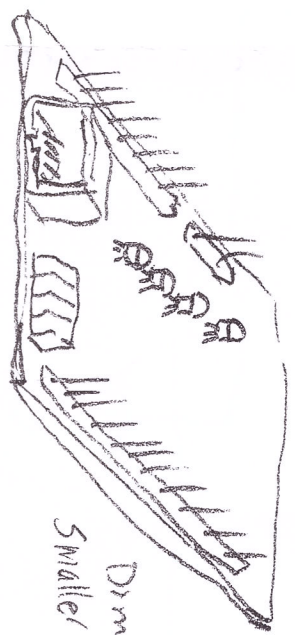
5V



Shield Orientation



To Ras Pi
using twisted
wire



Dimensions
smaller than Arduino