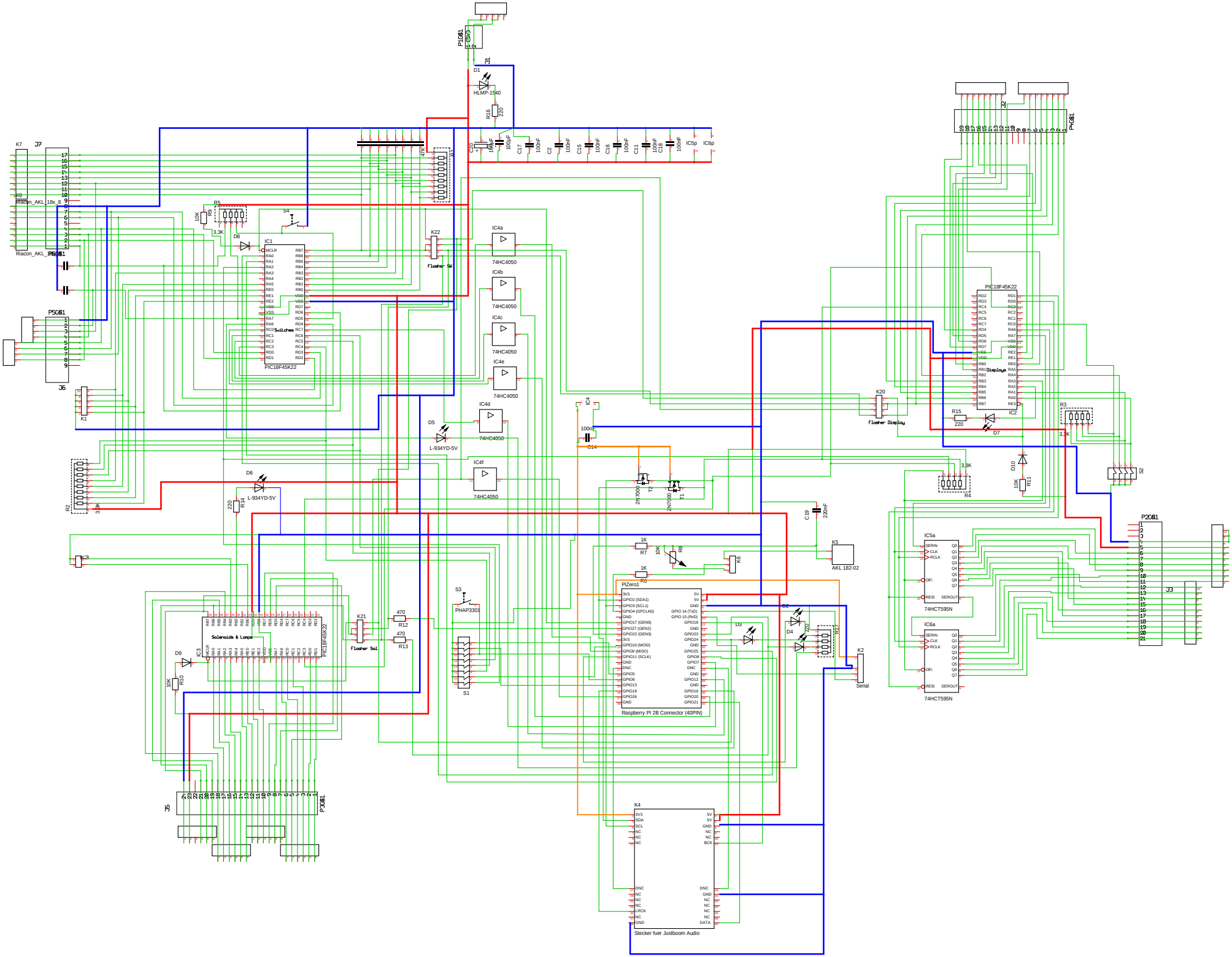
P1Gl1
J1
D1
HLMP-1540
R16
220
C20
100µF
C17
100nF
C2
100nF
C15
100nF
C16
100nF
C11
100nF
C18
100nF
IC5p
IC6p
K7
J7
K8
Riacon_AKL_18x_8
P6Gl1
P5Gl1
J6
K1
R2
3,3K
K3
R5
10K
R6
3,3K
S4
D8
IC1
MCLR
RA0
RA1
RA2
RA3
RA4
RA5
RE0
RE1
RE2
VDD
VSS
RA7
RA6
RC0
RC1
RC2
RC3
RD0
RD1
RB7
RB6
RB5
RB4
RB3
RB2
RB1
RB0
VDD
VSS
RD7
RD6
RD5
RD4
RC6
RC5
RC4
RD3
RD2
Switches
PIC18F45K22
K22
Flasher SW
47K
K9
IC4a
74HC4050
IC4b
74HC4050
IC4c
74HC4050
IC4e
74HC4050
IC4d
74HC4050
IC4f
74HC4050
D5
L-934YD-5V
IC4
100nF
C14
D6
L-934YD-5V
220
R14
2N7000
T2
2N7000
T1
C19
220nF
K5
AKL 1B2-02
K6
1K
R7
10K
R8
1K
R9
PIZero1
3V3
GPIO2 (SDA1)
GPIO3 (SCL1)
GPIO4 (GPCLK0)
GND
GPIO17 (GEN0)
GPIO27 (GEN2)
GPIO22 (GEN3)
3V3
GPIO10 (MOSI)
GPIO9 (MISO)
GPIO11 (SCLK)
GND
DNC
GPIO5
GPIO6
GPIO13
GPIO19
GPIO26
GND
5V
5V
GND
GPIO 14 (TxD)
GPIO 15 (RxD)
GPIO18
GND
GPIO23
GPIO24
GND
GPIO25
GPIO8
GPIO7
DNC
GND
GPIO12
GND
GPIO16
GPIO20
GPIO21
Raspberry PI 2B Connector (40PIN)
S3
PHAP3301
S1
K21
Flasher Sol
470
R12
470
R13
Solenoids & Lamps
PIC18F45K22
IC3
D9
10K
R10
J5
P2Gl1
K4
3V3
SDA
SCL
NC
NC
NC
LRCK
NC
GND
5V
5V
GND
NC
NC
BCK
DNC
GND
NC
NC
NC
NC
DATA
Stecker fuer Justboom Audio
D2
D3
D4
220
R17
K2
Serial
J2
P4Gl1
PIC18F45K22
Displays
IC2
K20
Flasher Display
R15
220
D7
R3
3,3K
D10
10K
R11
R4
3,3K
J4
IC5a
SERIN
CLK
RCLK
OE\
RES\
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
SEROUT
74HCT595N
IC6a
74HCT595N
P2Gl1
J3