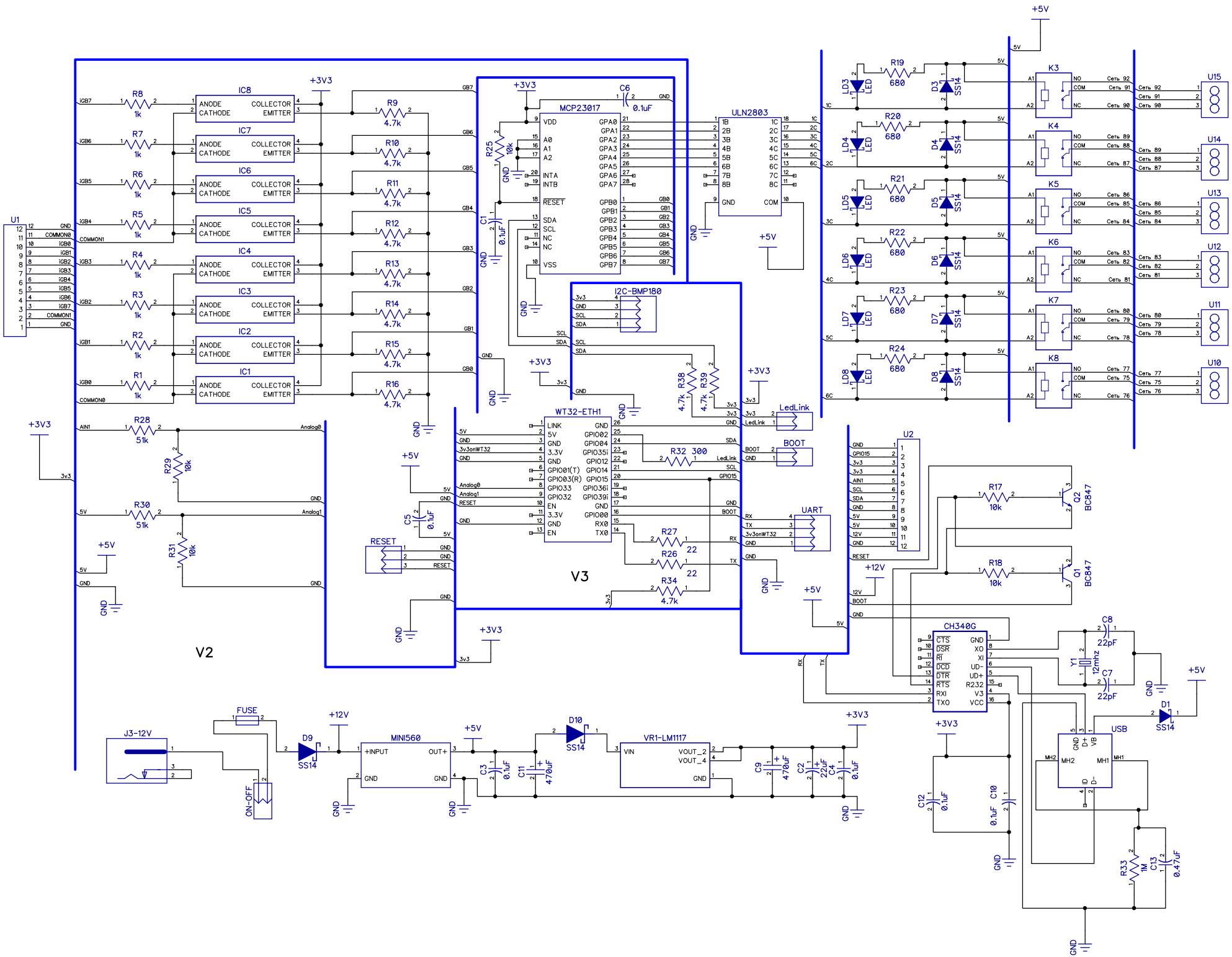
V2
V3
U1
J3-12V
FUSE
ON-OFF
D9
SS14
D10
SS14
D1
SS14
MINI560
VR1-LM1117
IC1
IC2
IC3
IC4
IC5
IC6
IC7
IC8
ANODE
CATHODE
COLLECTOR
EMITTER
MCP23017
ULN2803
I2C-BMP180
WT32-ETH1
CH340G
USB
LedLink
BOOT
UART
RESET
K3
K4
K5
K6
K7
K8
U15
U14
U13
U12
U11
U10
U2
Q1
Q2
BC847
Y1
12mhz
+5V
+3V3
+12V
GND