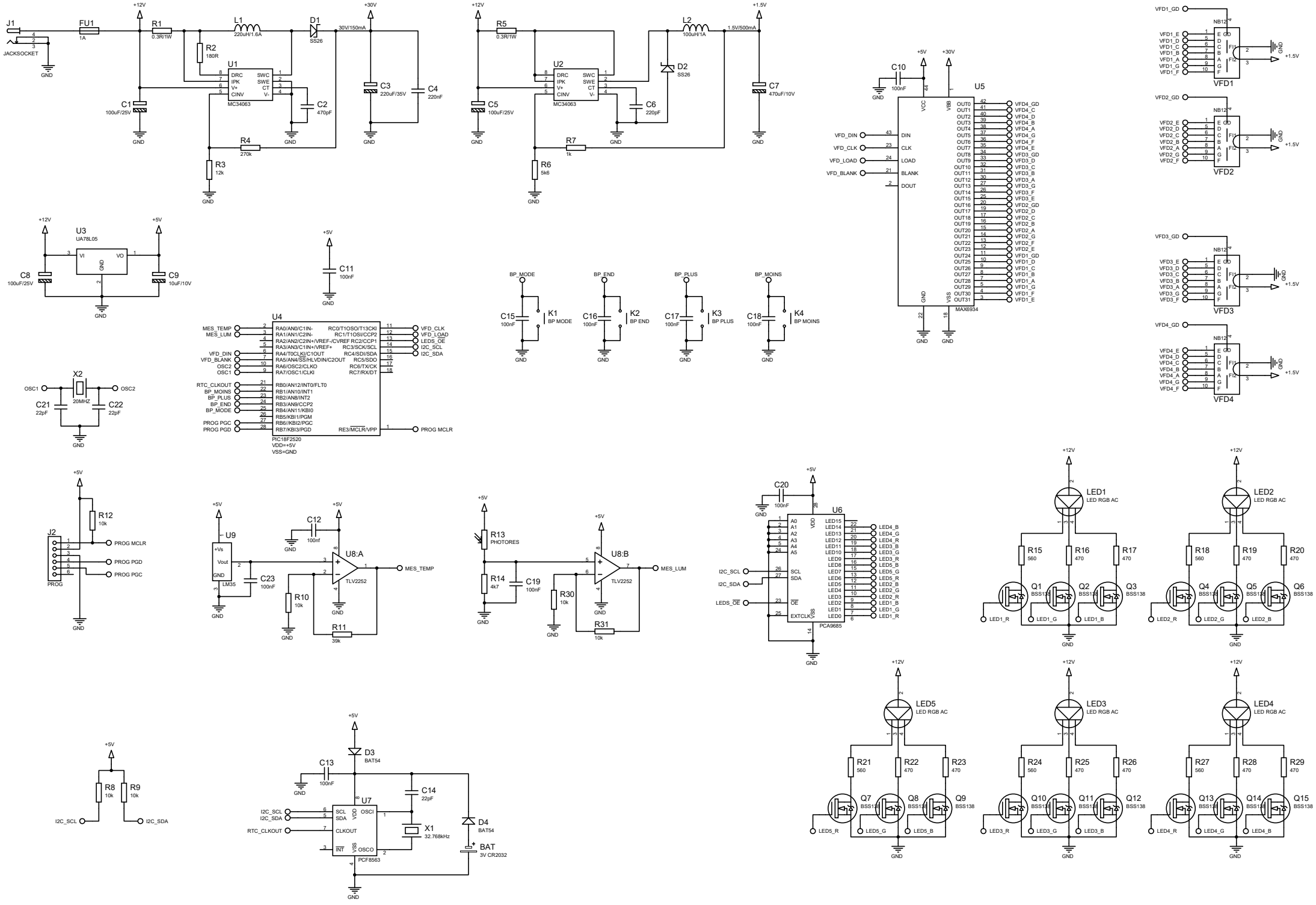
J1
JACKSOCKET
FU1
1A
R1
0.3R/1W
L1
220uH/1.6A
D1
SS26
30V/150mA
+30V
R2
180R
U1
MC34063
DRC
IPK
V+
CINV
SWC
SWE
CT
V-
C1
100uF/25V
C2
470pF
C3
220uF/35V
C4
220nF
R4
270k
R3
12k
GND
+12V
R5
0.3R/1W
L2
100uH/1A
1.5V/500mA
+1.5V
U2
MC34063
D2
SS26
C5
100uF/25V
C6
220pF
C7
470uF/10V
R7
1k
R6
5k6
U3
UA78L05
VI
VO
GND
+5V
C8
100uF/25V
C9
10uF/10V
C11
100nF
X2
20MHZ
C21
22pF
C22
22pF
U4
PIC18F2520
VDD=+5V
VSS=GND
MES_TEMP
MES_LUM
VFD_DIN
VFD_BLANK
OSC2
OSC1
RTC_CLKOUT
BP_MOINS
BP_PLUS
BP_END
BP_MODE
PROG PGC
PROG PGD
VFD_CLK
VFD_LOAD
LEDS_OE
I2C_SCL
I2C_SDA
PROG MCLR
BP_MODE
BP_END
BP_PLUS
BP_MOINS
C15
C16
C17
C18
100nF
K1
BP MODE
K2
BP END
K3
BP PLUS
K4
BP MOINS
U5
MAX6934
C10
100nF
DIN
CLK
LOAD
BLANK
DOUT
VFD_DIN
VFD_CLK
VFD_LOAD
VFD_BLANK
VFD1_GD
VFD2_GD
VFD3_GD
VFD4_GD
NB12
VFD1
VFD2
VFD3
VFD4
J2
PROG
PROG MCLR
PROG PGD
PROG PGC
R12
10k
U9
LM35
+Vs
Vout
C12
100nf
C23
100nF
U8:A
U8:B
TLV2252
R10
10k
R11
39k
R13
PHOTORES
R14
4k7
C19
100nF
R30
10k
R31
10k
MES_TEMP
MES_LUM
C20
100nF
U6
PCA9685
SCL
SDA
OE
EXTCLK
I2C_SCL
I2C_SDA
LEDS_OE
LED1
LED2
LED3
LED4
LED5
LED RGB AC
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
R28
R29
560
470
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Q9
Q10
Q11
Q12
Q13
Q14
Q15
BSS138
LED1_R
LED1_G
LED1_B
LED2_R
LED2_G
LED2_B
LED3_R
LED3_G
LED3_B
LED4_R
LED4_G
LED4_B
LED5_R
LED5_G
LED5_B
R8
R9
10k
D3
BAT54
C13
100nF
C14
22pF
U7
PCF8563
SCL
SDA
CLKOUT
INT
OSCI
OSCO
X1
32.768kHz
D4
BAT54
BAT
3V CR2032