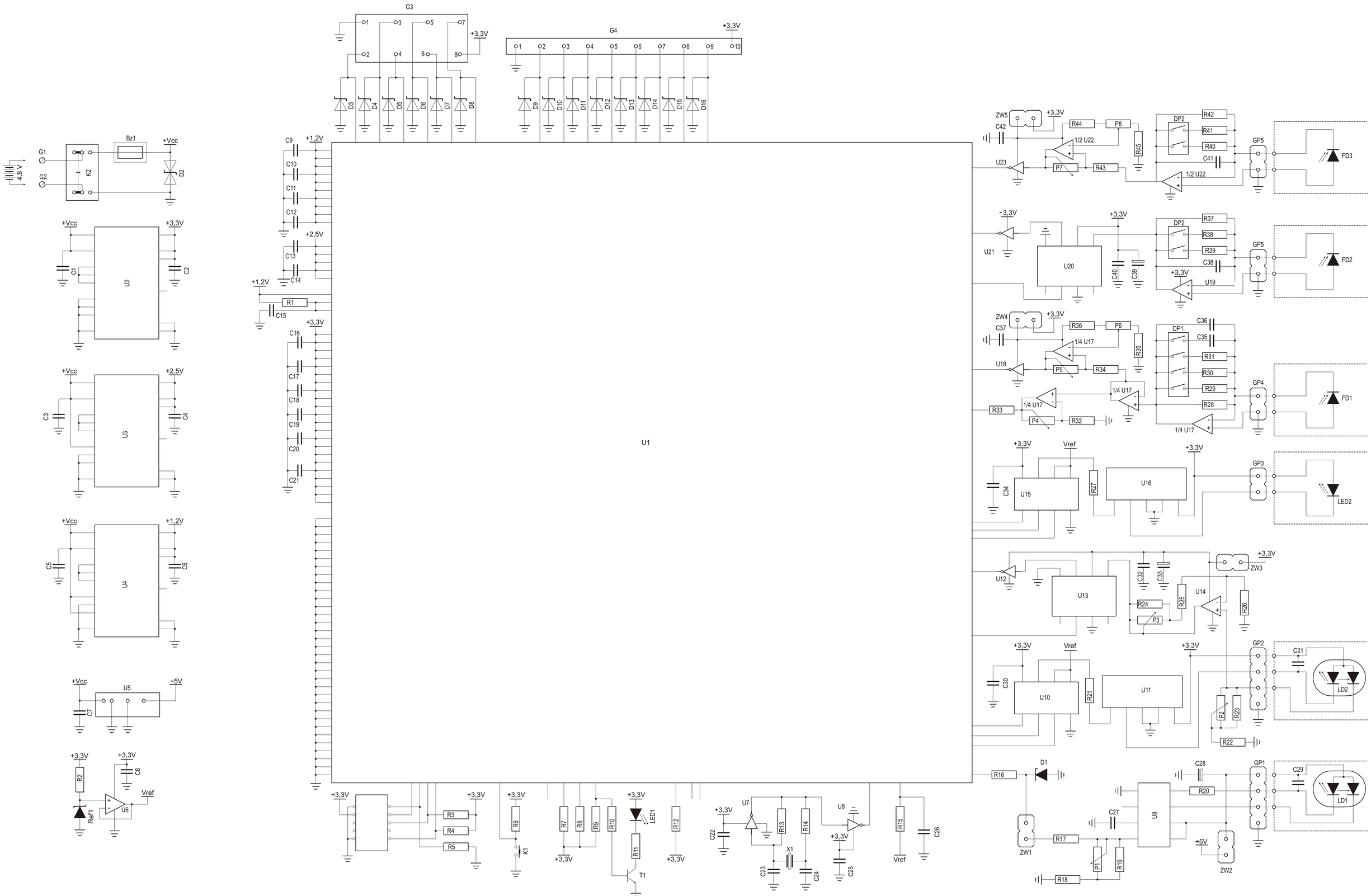
G3
G4
+3,3V
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
G1
G2
4,8 V
K2
Bz1
+Vcc
D2
C9
+1,2V
C10
C11
C12
+2,5V
C13
C14
R1
C15
C16
C17
C18
C19
C20
C21
U1
U2
C1
C2
U3
C3
C4
U4
C5
C6
U5
+5V
C7
R2
C8
Ref1
U6
Vref
R3
R4
R5
R6
K1
R7
R8
R9
R10
LED1
R11
T1
R12
U7
R13
R14
U8
X1
C22
C23
C24
C25
R15
C26
ZW5
C42
U23
R44
P8
1/2 U22
R45
P7
R43
DP2
R42
R41
R40
C41
GP5
FD3
U21
U20
C40
C39
R37
R38
R39
C38
U19
FD2
ZW4
C37
U18
R36
P6
1/4 U17
R35
P5
R34
R33
P4
R32
DP1
C36
C35
R31
R30
R29
R28
GP4
FD1
U15
C34
R27
U16
GP3
LED2
U12
U13
C32
C33
ZW3
R24
P3
R25
U14
R26
U10
C30
R21
U11
P2
R23
R22
GP2
C31
LD2
R16
D1
ZW1
R17
R18
P1
R19
U9
C27
C28
R20
GP1
C29
LD1
ZW2