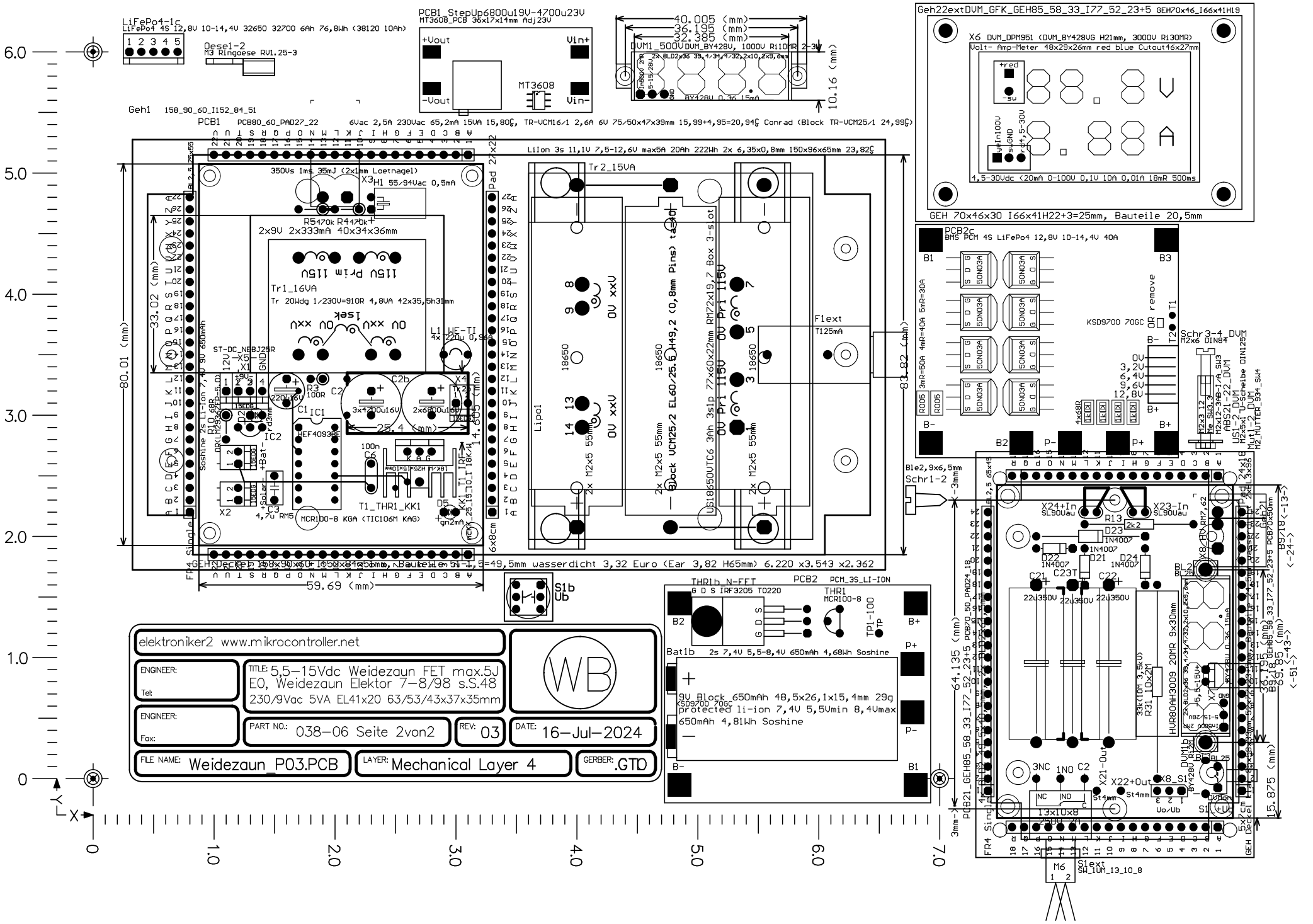
LiFePo4-1c
LiFePo4 4S 12,8V 10-14,4V 32650 32700 6Ah 76,8Wh (38120 10Ah)
Oese1-2
M3 Ringoese RV1.25-3
PCB1_StepUp6800u19V-4700u23V
MT3608_PCB 36x17x14mm Adj23V
+Vout
-Vout
Vin+
Vin-
MT3608
40.005 (mm)
36.195 (mm)
32.385 (mm)
10.16 (mm)
DVM1_500V
DVM_BY428V, 1000V Ri10MR 2-3V
BY428V 0,36 15mA
Geh22extDVM_GFK_GEH85_58_33_I77_52_23+5 GEH70x46_I66x41H19
X6 DVM_DPM951 (DVM_BY428VG H21mm, 3000V Ri30MR)
Volt- Amp-Meter 48x29x26mm red blue Cutout46x27mm
+red
-5V
4,5-30Vdc <20mA 0-100V 0,1V 10A 0,01A 18mR 500ms
GEH 70x46x30 I66x41H22+3=25mm, Bauteile 20,5mm
Geh1 158_90_60_I152_84_51
PCB1 PCB80_60_PAD27_22
6Vac 2,5A 230Vac 65,2mA 15VA 15,80€, TR-VCM16/1 2,6A 6V 75/50x47x39mm 15,99+4,95=20,94€ Conrad (Block TR-VCM25/1 24,99€)
LiIon 3s 11,1V 7,5-12,6V max5A 20Ah 222Wh 2x 6,35x0,8mm 150x96x65mm 23,82€
350Vs 1ms 35mJ (2x1mm Loetnagel)
X3
H1 55/94Vac 0,5mA
R5470k R4470k
2x9V 2x333mA 40x34x36mm
115U Prim 115U
Tr1_16VA
Tr 20Wdg 1/230U=910R 4,8VA 42x35,5h31mm
0V xxV 0V xxV
Tr2_15VA
L1 WE-TI
4x 220u 0,99R
ST-DC_NEBJ2SR
12V
X1
GND
Soshine 2s Li-ion 7,4V 9V 650mAh
R10_68R
DR(LM293)
PD_5.0
IC1
HEF4093BP
IC2
C1
220u16V
R3
100R
C2
C2b
3x4700u16V
2x6800u16V
X4
Tr2
C3
4,7u RM5
X2
MCR100-8 KGA (TIC106M KAG)
T1_THR1_KK1
C6
100n
D5
gn2mA
T1_IDR
25_15_10_I18x14
4,5Cm
6x8Cm
Lipol
18650
2x M2x5 55mm
Block VCM25/2 EL60/25.6 H49,2 (0,8mm Pins) tab
0V Pri 115U 0V Pri 115U
Flext
T125mA
83.82 (mm)
80.01 (mm)
33.02 (mm)
59.69 (mm)
FR4 Single
GEH Deckel 158x90x60 I152x84x51mm, Bauteile 54,1g 49,5mm wasserdicht 3,32 Euro (Ear 3,82 H65mm) 6.220 x3.543 x2.362
S1b
Ub
PCB2c
BMS PCM 4S LiFePo4 12,8V 10-14,4V 40A
B1
B2
B3
B-
B+
P-
P+
50N03A
3mR=50A 4mR=40A 5mR=30A
OR remove
KSD9700 70GC
T1
T2
0V
3,2V
6,4V
9,6V
12,8V
Schr3-4_DVM
M2x6 DIN84
US1-2_DVM
M2x5x4 U-Scheibe DIN125
Mutl-2_DVM
M2_MUTTER_934_SW4
Ble2,9x6,5mm
Schr1-2
X24+In
X23-In
SL90Uau
R13
2k2
D23
1N4007
D22
D21
D24
C21
C23T
C22
22U350V
X21-Out
X22+Out
X8_S1
St4mm
Uo/Ub
3NC
1NO
C2
INC
INO
13x10x8
M6
Slext
SW_1UM_13_10_8
THR1b_N-FFT
G D S IRF3205 TO220
THR1
MCR100-8
TP1-100
PCB2
PCM_3S_LI-ION
Bat1b
2s 7,4V 5,5-8,4V 650mAh 4,68Wh Soshine
9V Block 650mAh 48,5x26,1x15,4mm 29g
KSD9700 70Gc
protected li-ion 7,4V 5,5Vmin 8,4Vmax
650mAh 4,81Wh Soshine
elektroniker2 www.mikrocontroller.net
ENGINEER:
Tel:
ENGINEER:
Fax:
TITLE: 5,5-15Vdc Weidezaun FET max.5J
E0, Weidezaun Elektor 7-8/98 s.S.48
230/9Vac 5VA EL41x20 63/53/43x37x35mm
PART NO.: 038-06 Seite 2von2
REV: 03
DATE: 16-Jul-2024
FILE NAME: Weidezaun_P03.PCB
LAYER: Mechanical Layer 4
GERBER: .GTD
WB
64.135 (mm)
15.875 (mm)
0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
Y
X