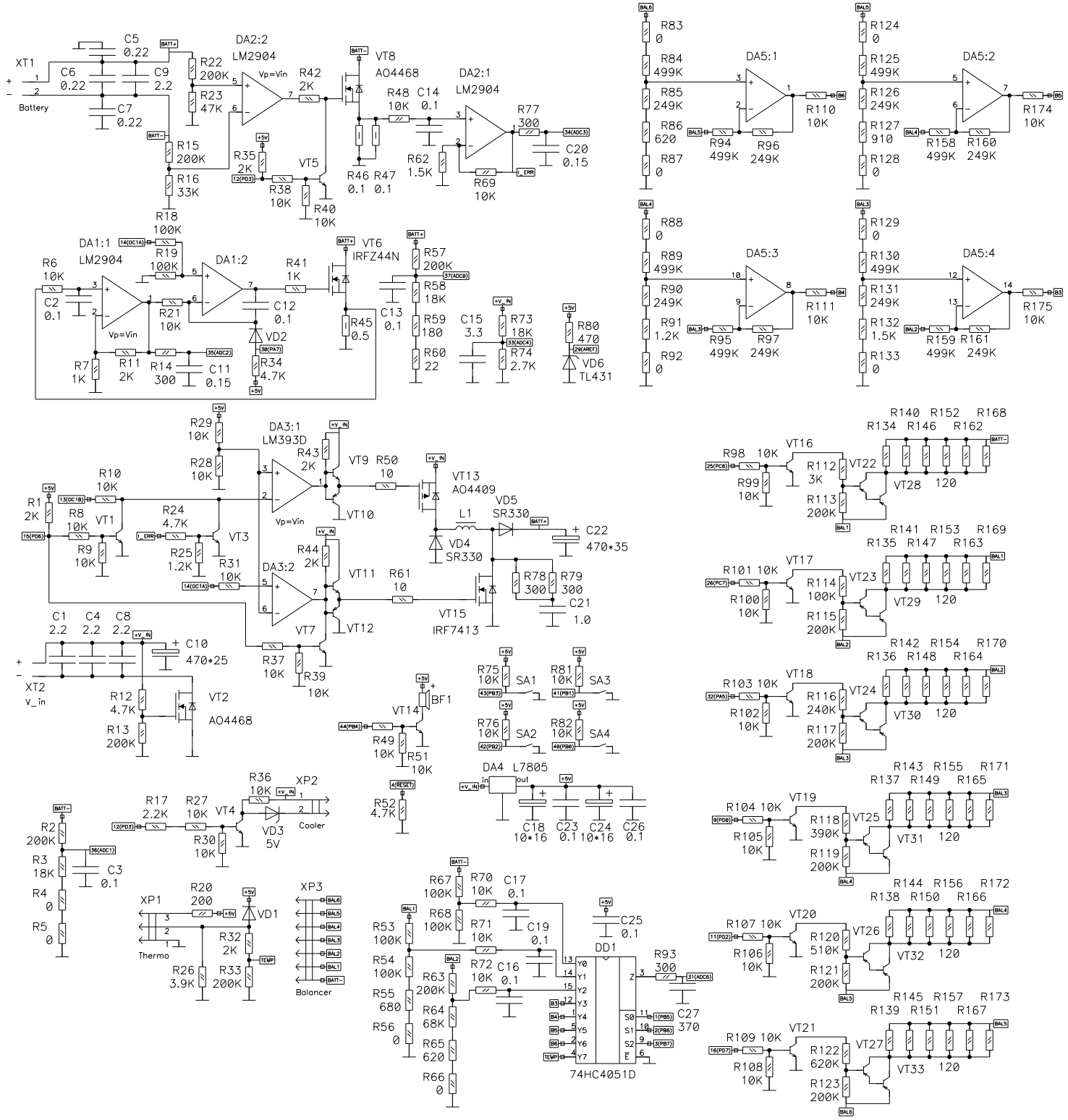
XT1
Battery
C5 0.22
C6 0.22
C9 2.2
C7 0.22
DA2:2 LM2904
Vp=Vin
R22 200K
R23 47K
R42 2K
VT8 AO4468
R48 10K
C14 0.1
DA2:1 LM2904
R77 300
C20 0.15
R15 200K
R16 33K
R18 100K
R35 2K
R38 10K
VT5
R40 10K
R46 0.1
R47 0.1
R62 1.5K
R69 10K
DA1:1 LM2904
R6 10K
C2 0.1
R19 100K
DA1:2
R41 1K
VT6 IRFZ44N
R57 200K
R58 18K
R59 180
R60 22
C13 0.1
C15 3.3
R73 18K
R74 2.7K
R80 470
VD6 TL431
R21 10K
C12 0.1
VD2
R34 4.7K
R45 0.5
R7 1K
R11 2K
R14 300
C11 0.15
R83 0
R84 499K
R85 249K
R86 620
R87 0
DA5:1
R94 499K
R96 249K
R110 10K
R124 0
R125 499K
R126 249K
R127 910
R128 0
DA5:2
R158 499K
R160 249K
R174 10K
R88 0
R89 499K
R90 249K
R91 1.2K
R92 0
DA5:3
R95 499K
R97 249K
R111 10K
R129 0
R130 499K
R131 249K
R132 1.5K
R133 0
DA5:4
R159 499K
R161 249K
R175 10K
R29 10K
R28 10K
DA3:1 LM393D
R43 2K
VT9
R50 10
VT10
VT13 AO4409
VD5 SR330
L1
VD4 SR330
C22 470*35
R10 10K
R1 2K
R8 10K
VT1
R9 10K
R24 4.7K
R25 1.2K
VT3
R31 10K
DA3:2
R44 2K
VT11
R61 10
VT12
VT15 IRF7413
R78 300
R79 300
C21 1.0
VT7
R37 10K
R39 10K
C1 2.2
C4 2.2
C8 2.2
C10 470*25
XT2 V_in
R12 4.7K
R13 200K
VT2 AO4468
BF1
VT14
R49 10K
R51 10K
R52 4.7K
R75 10K
SA1
R81 10K
SA3
R76 10K
SA2
R82 10K
SA4
DA4 L7805
C18 10*16
C23 0.1
C24 10*16
C26 0.1
R36 10K
XP2
Cooler
R17 2.2K
R27 10K
VT4
VD3 5V
R30 10K
R2 200K
R3 18K
R4 0
R5 0
C3 0.1
XP1
Thermo
R20 200
VD1
R32 2K
R26 3.9K
R33 200K
XP3
Balancer
R67 100K
R70 10K
C17 0.1
R68 100K
R71 10K
C19 0.1
R53 100K
R54 100K
R55 680
R56 0
R72 10K
C16 0.1
R63 200K
R64 68K
R65 620
R66 0
C25 0.1
DD1
74HC4051D
R93 300
C27 370
R98 10K
R99 10K
VT16
R112 3K
R113 200K
VT22
VT28
R140 R152 R168
R134 R146 R162
R101 10K
R100 10K
VT17
R114 100K
R115 200K
VT23
VT29
R141 R153 R169
R135 R147 R163
R103 10K
R102 10K
VT18
R116 240K
R117 200K
VT24
VT30
R142 R154 R170
R136 R148 R164
R104 10K
R105 10K
VT19
R118 390K
R119 200K
VT25
VT31
R143 R155 R171
R137 R149 R165
R107 10K
R106 10K
VT20
R120 510K
R121 200K
VT26
VT32
R144 R156 R172
R138 R150 R166
R109 10K
R108 10K
VT21
R122 620K
R123 200K
VT27
VT33
R145 R157 R173
R139 R151 R167