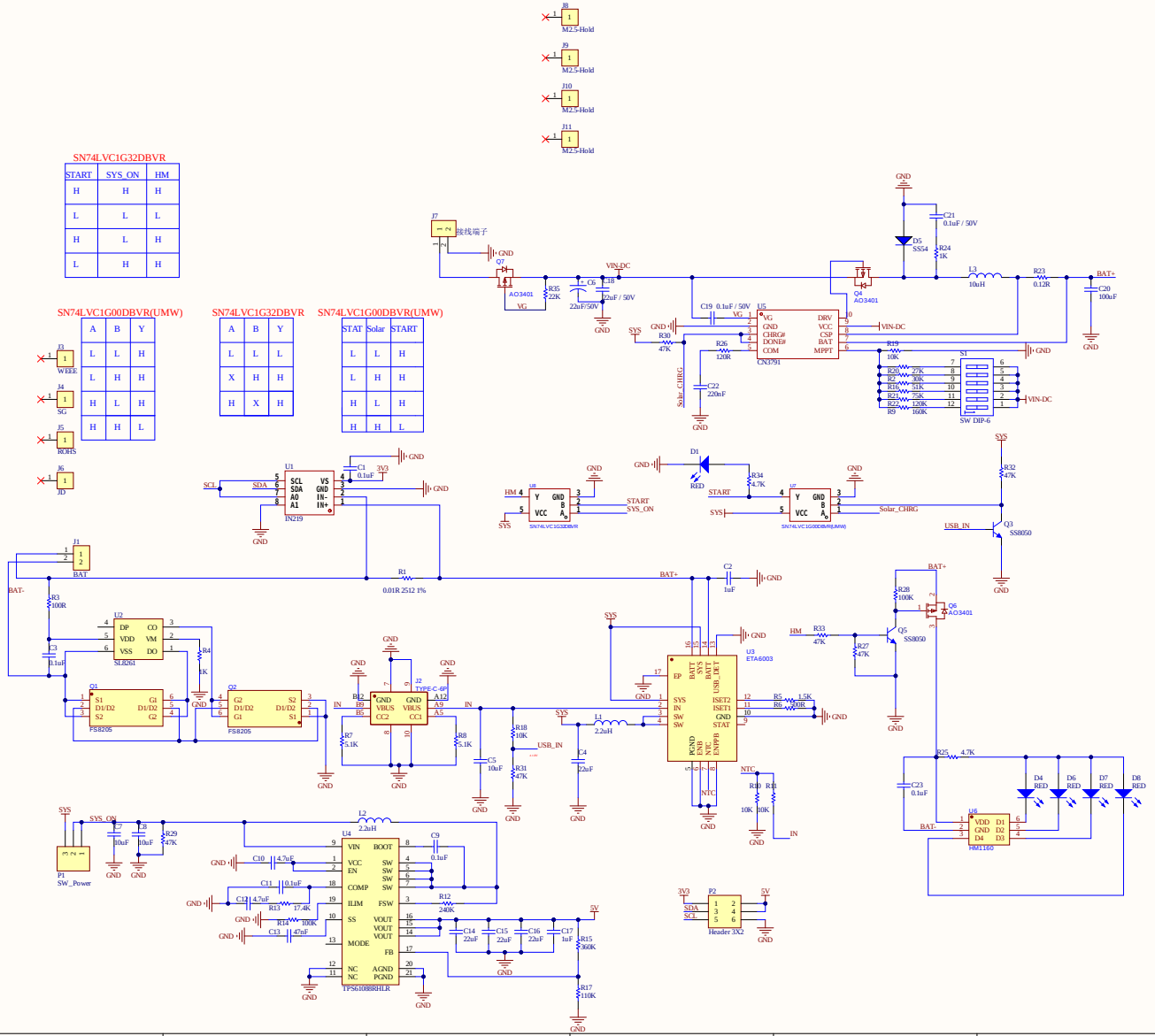
SN74LVC1G32DBVR
START SYS_ON HM
H H H
L L L
H L H
L H H
SN74LVC1G00DBVR(UMW)
A B Y
L L H
L H H
H L H
H H L
SN74LVC1G32DBVR
A B Y
L L L
X H H
H X H
SN74LVC1G00DBVR(UMW)
STAT Solar START
L L H
L H H
H L H
H H L
J8 M2.5-Hold
J9 M2.5-Hold
J10 M2.5-Hold
J11 M2.5-Hold
J7 接线端子
Q7 AO3401
R35 22K
C6 22uF/50V
C18 22uF / 50V
VIN-DC
C19 0.1uF / 50V
U5 CN3791
VG GND CHRG# DONE# COM
DRV VCC CSP BAT MPPT
Q4 AO3401
C21 0.1uF / 50V
D5 SS54
R24 1K
L1 10uH
R23 0.12R
BAT+
C20 100uF
R30 47K
R26 120R
C22 220nF
Solar_CHRG
R19 10K
S1 SW DIP-6
R20 27K
R2 30K
R16 51K
R21 75K
R22 120K
R5 160K
J3 WEEE
J4 SG
J5 ROHS
J6 JD
U1 IN219
SCL SDA VS GND IN- IN+ A0 A1
C1 0.1uF
3V3
D1 RED
R34 4.7K
U8 SN74LVC1G32DBVR
U7 SN74LVC1G00DBVR(UMW)
START SYS_ON
Solar_CHRG
R32 47K
Q3 SS8050
USB_IN
J1 BAT
R1 0.01R 2512 1%
C2 1uF
R3 100R
C3 0.1uF
U2 SLR261
DP VDD VSS CO VM DO
R4 1K
Q1 FS8205
Q2 FS8205
J2 TYPE-C-6P
R7 5.1K
R8 5.1K
R18 10K
R31 47K
C5 10uF
C4 22uF
L1 2.2uH
U3 ETA6003
EP BATT SYS IN SW SW PGND ENB NTC ENFB BATT SYS USB_OUT ISET2 ISET1 GND STAT
R5 1.5K
R6 100R
NTC
R10 10K
R11 10K
R28 100K
Q6 AO3401
Q5 SS8050
R33 47K
R27 47K
R25 4.7K
C23 0.1uF
D4 RED
D6 RED
D7 RED
D8 RED
U6 HM1160
VDD D1 GND D2 D4 D3
P1 SW_Power
SYS_ON
C7 10uF
C8 10uF
R29 47K
L2 2.2uH
U4 TPS61088RHLR
VIN BOOST VCC EN SW SW SW SW COMP ILIM FSW SS VOUT VOUT VOUT MODE FB NC AGND NC PGND
C9 0.1uF
C10 4.7uF
C11 0.1uF
C12 4.7uF
R13 17.4K
R14 100K
C13 47nF
R12 240K
C14 22uF
C15 22uF
C16 22uF
C17 1uF
R15 360K
R17 110K
5V
P2 Header 3X2
SDA SCL