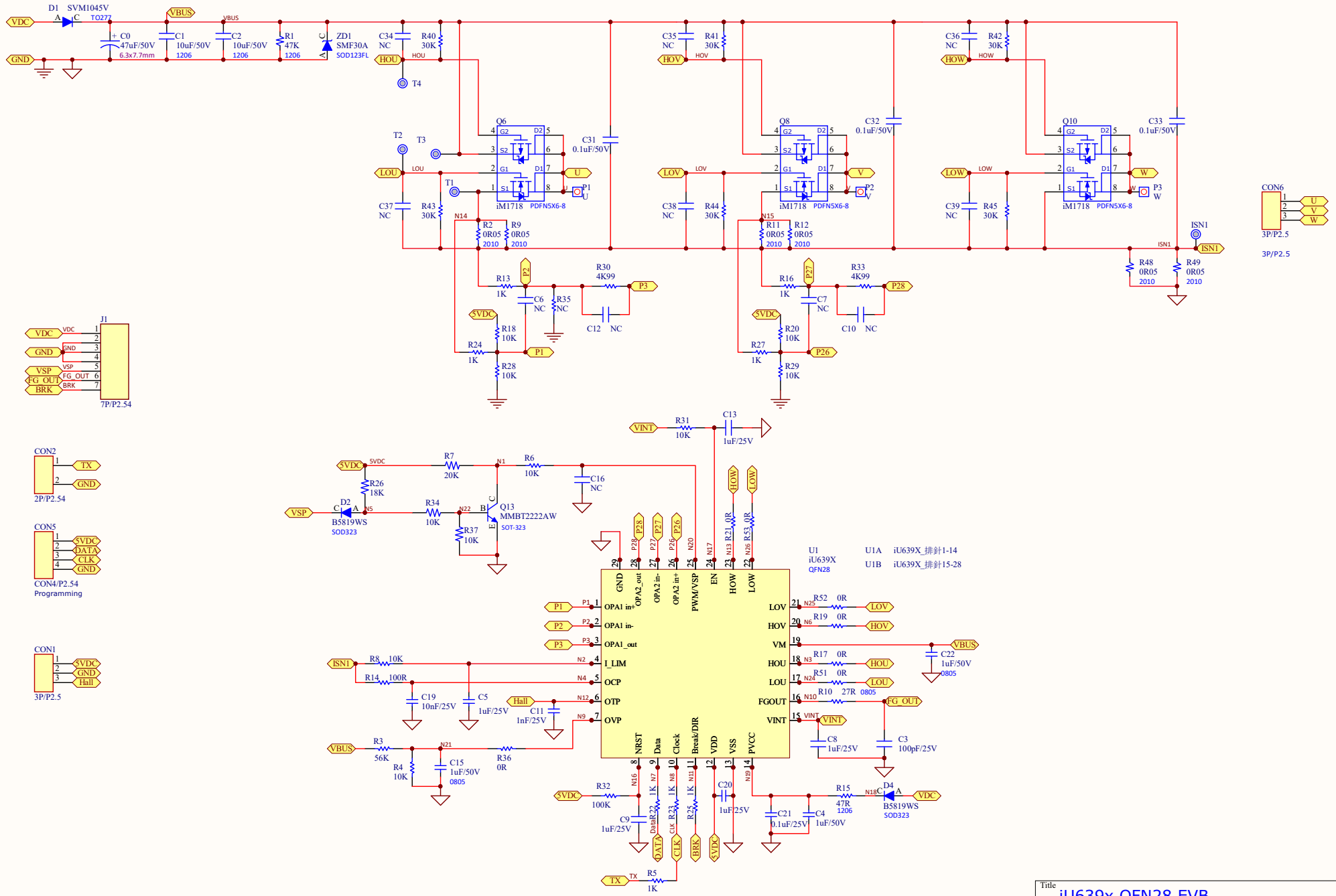

D1 SVM1045V
TO277
VDC
GND
VBUS
C0 47uF/50V 6.3x7.7mm
C1 10uF/50V 1206
C2 10uF/50V 1206
R1 47K 1206
ZD1 SMF30A SOD123FL
C34 NC
R40 30K
HOU
T4
C35 NC
R41 30K
HOV
C36 NC
R42 30K
HOW
T2
T3
T1
Q6
Q8
Q10
iM1718 PDFN5X6-8
C31 0.1uF/50V
C32 0.1uF/50V
C33 0.1uF/50V
LOU
LOV
LOW
U
V
W
P1
P2
P3
C37 NC
R43 30K
C38 NC
R44 30K
C39 NC
R45 30K
N14
N15
R2 0R05 2010
R9 0R05 2010
R11 0R05 2010
R12 0R05 2010
ISN1
R48 0R05 2010
R49 0R05 2010
CON6
3P/P2.5
R13 1K
R30 4K99
C6 NC
R35 NC
C12 NC
R18 10K
R24 1K
R28 10K
R16 1K
R33 4K99
C7 NC
C10 NC
R20 10K
R27 1K
R29 10K
P26
P27
P28
5VDC
J1
7P/P2.54
VSP
FG_OUT
BRK
CON2
2P/P2.54
TX
CON5
CON4/P2.54
Programming
DATA
CLK
CON1
3P/P2.5
Hall
VINT
R31 10K
C13 1uF/25V
R7 20K
R6 10K
C16 NC
R26 18K
R34 10K
R37 10K
D2 B5819WS SOD323
Q13 MMBT2222AW SOT-323
R21 0R
R53 0R
U1 iU639X QFN28
U1A iU639X_排針1-14
U1B iU639X_排針15-28
GND
OPA2_out
OPA2 in-
OPA2 in+
PWM/VSP
EN
HOW
LOW
OPA1 in+
OPA1 in-
OPA1_out
I_LIM
OCP
OTP
OVP
LOV
HOV
VM
HOU
LOU
FGOUT
VINT
NRST
Data
Clock
Break/DIR
VDD
VSS
PVCC
R52 0R
R19 0R
R17 0R
R51 0R
R10 27R 0805
C22 1uF/50V 0805
C8 1uF/25V
C3 100pF/25V
R8 10K
R14 100R
C19 10nF/25V
C5 1uF/25V
C11 1nF/25V
R3 56K
R4 10K
C15 1uF/50V 0805
R36 0R
R32 100K
C9 1uF/25V
R23 1K
R25 1K
C20 1uF/25V
C21 0.1uF/25V
C4 1uF/50V
R15 47R 1206
D4 B5819WS SOD323
R5 1K
Title
iU639x QFN28 EVB
Size
A3
Number
PCB-P-T284
Revision
03
Date: 2024/10/24
File: D:\I010\...\PCB-P-T284-03 SCH.SCH
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Drawn By: