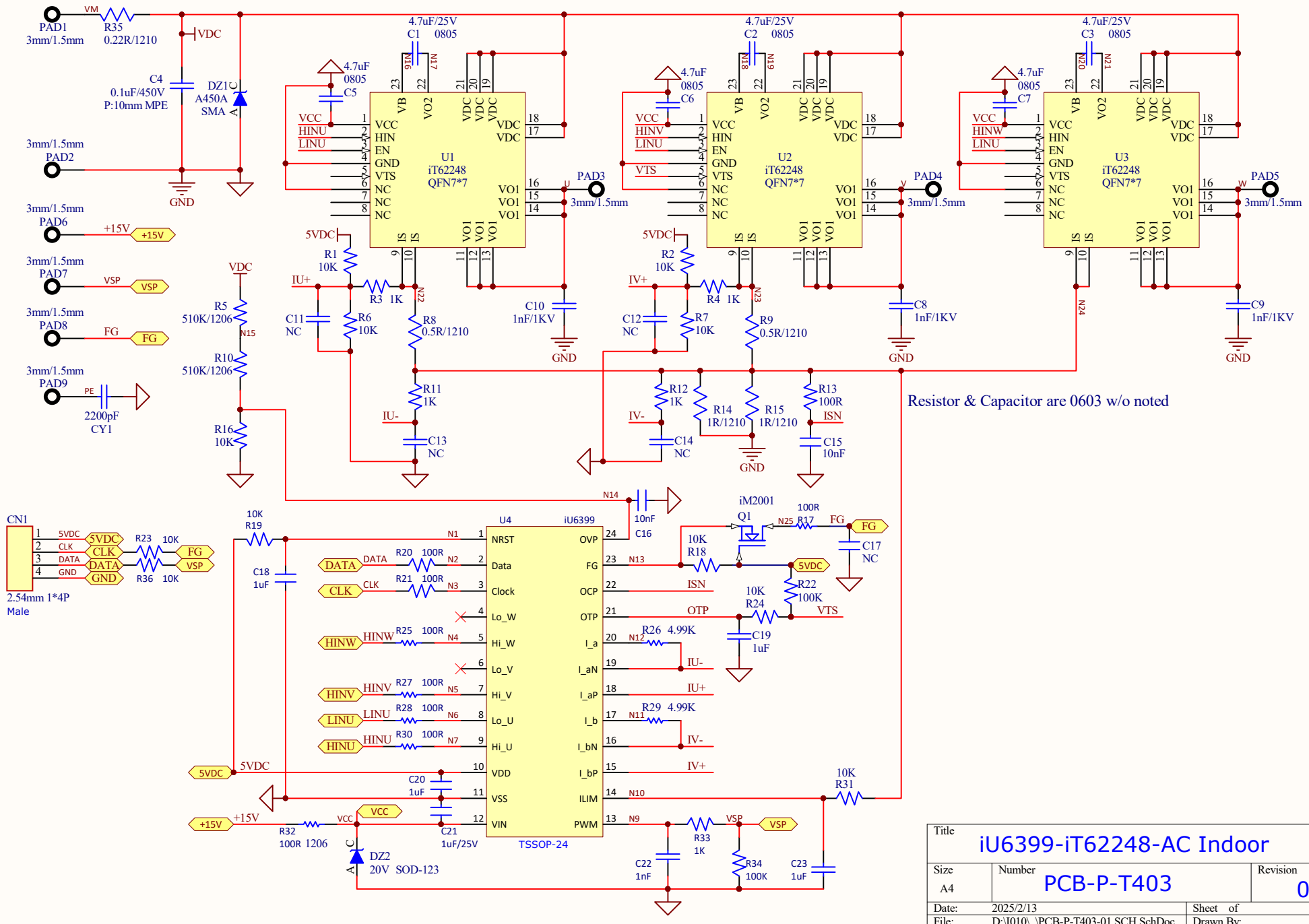

PAD1 3mm/1.5mm
VM
R35 0.22R/1210
VDC
C4 0.1uF/450V P:10mm MPE
DZ1 A450A SMA
PAD2 3mm/1.5mm
GND
PAD6 3mm/1.5mm
+15V
PAD7 3mm/1.5mm
VSP
PAD8 3mm/1.5mm
FG
PAD9 3mm/1.5mm
PE
2200pF CY1
R5 510K/1206
R10 510K/1206
R16 10K
U1 iT62248 QFN7*7
U2 iT62248 QFN7*7
U3 iT62248 QFN7*7
4.7uF/25V C1 0805
4.7uF/25V C2 0805
4.7uF/25V C3 0805
4.7uF 0805 C5
4.7uF 0805 C6
4.7uF 0805 C7
VCC
HINU
LINU
HINV
HINW
VTS
EN
GND
NC
VB
VO2
VDC
VO1
IS
5VDC
R1 10K
R2 10K
R3 1K
R4 1K
IU+
IV+
C11 NC
C12 NC
R6 10K
R7 10K
R8 0.5R/1210
R9 0.5R/1210
C10 1nF/1KV
C8 1nF/1KV
C9 1nF/1KV
PAD3 3mm/1.5mm
PAD4 3mm/1.5mm
PAD5 3mm/1.5mm
R11 1K
R12 1K
R13 100R
R14 1R/1210
R15 1R/1210
IU-
IV-
ISN
C13 NC
C14 NC
C15 10nF
Resistor & Capacitor are 0603 w/o noted
CN1
2.54mm 1*4P Male
R23 10K
R36 10K
R19 10K
C18 1uF
U4 iU6399 TSSOP-24
NRST
Data
Clock
Lo_W
Hi_W
Lo_V
Hi_V
Lo_U
Hi_U
VDD
VSS
VIN
OVP
FG
OCP
OTP
I_a
I_aN
I_aP
I_b
I_bN
I_bP
ILIM
PWM
R20 100R
R21 100R
R25 100R
R27 100R
R28 100R
R30 100R
R26 4.99K
R29 4.99K
C16 10nF
C17 NC
C19 1uF
C20 1uF
C21 1uF/25V
C22 1nF
C23 1uF
iM2001 Q1
R17 100R
R18 10K
R22 100K
R24 10K
R31 10K
R32 100R 1206
R33 1K
R34 100K
DZ2 20V SOD-123
N1
N2
N3
N4
N5
N6
N7
N9
N10
N11
N12
N13
N14
N15
N17
N18
N19
N20
N21
N22
N23
N24
Title
iU6399-iT62248-AC Indoor
Size A4
Number PCB-P-T403
Revision 01
Date: 2025/2/13
Sheet of
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Drawn By: