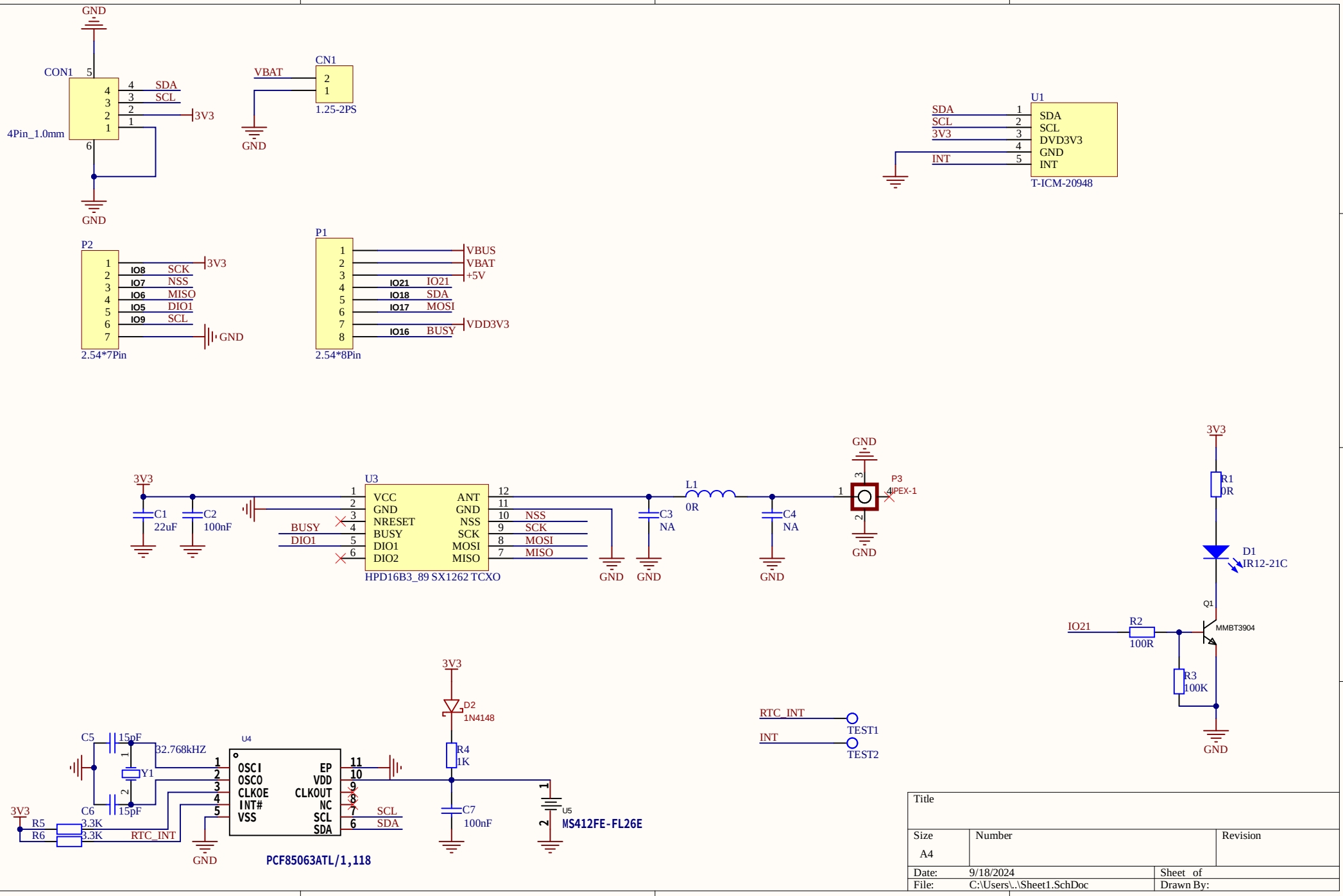

GND
CON1
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4
3
2
1
6
SDA
SCL
3V3
4Pin_1.0mm
GND
VBAT
CN1
2
1
1.25-2PS
GND
U1
SDA
SCL
3V3
INT
1
2
3
4
5
SDA
SCL
DVD3V3
GND
INT
T-ICM-20948
P2
1
2
3
4
5
6
7
IO8
IO7
IO6
IO5
IO9
SCK
NSS
MISO
DIO1
SCL
3V3
GND
2.54*7Pin
P1
1
2
3
4
5
6
7
8
VBUS
VBAT
+5V
IO21
IO18
IO17
IO16
IO21
SDA
MOSI
BUSY
VDD3V3
2.54*8Pin
3V3
C1
22uF
C2
100nF
U3
1
2
3
4
5
6
VCC
GND
NRESET
BUSY
DIO1
DIO2
ANT
GND
NSS
SCK
MOSI
MISO
12
11
10
9
8
7
BUSY
DIO1
NSS
SCK
MOSI
MISO
HPD16B3_89 SX1262 TCXO
GND
C3
NA
GND
L1
0R
C4
NA
GND
GND
3
2
1
P3
IPEX-1
3V3
R1
0R
D1
IR12-21C
Q1
MMBT3904
IO21
R2
100R
R3
100K
GND
C5
15pF
32.768kHZ
Y1
C6
15pF
3V3
R5
3.3K
R6
3.3K
RTC_INT
U4
1
2
3
4
5
OSCI
OSCO
CLKOE
INT#
VSS
EP
VDD
CLKOUT
NC
SCL
SDA
11
10
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8
7
6
SCL
SDA
GND
PCF85063ATL/1,118
3V3
D2
1N4148
R4
1K
C7
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U5
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MS412FE-FL26E
RTC_INT
INT
TEST1
TEST2
Title
Size
A4
Number
Revision
Date:
9/18/2024
Sheet of
File:
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Drawn By: