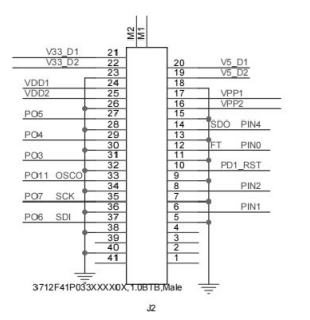
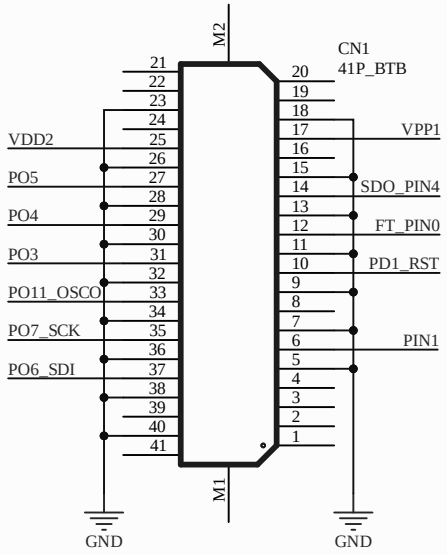
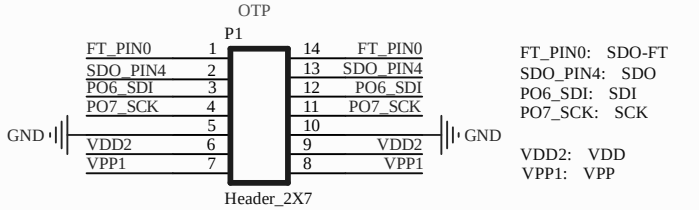
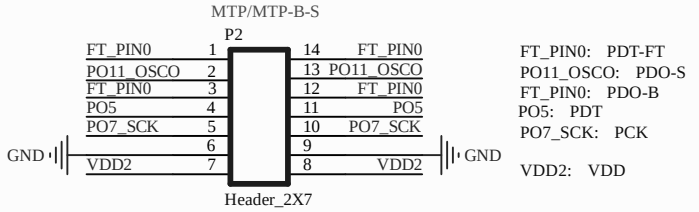
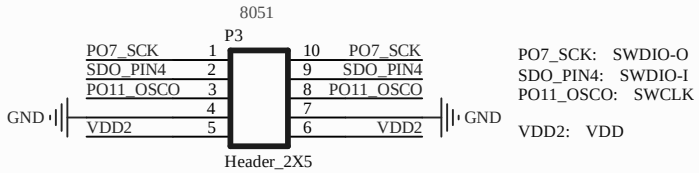
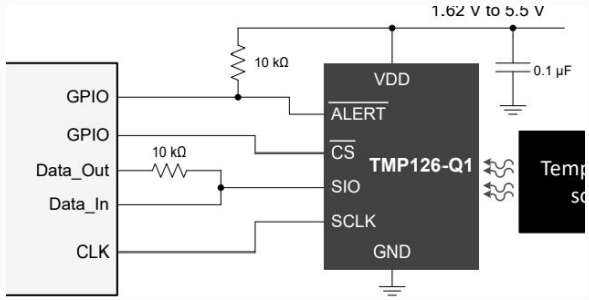

M2
M1
V33_D1
V33_D2
VDD1
VDD2
PO5
PO4
PO3
PO11_OSCO
PO7_SCK
PO6_SDI
V5_D1
V5_D2
VPP1
VPP2
SDO_PIN4
FT_PIN0
PD1_RST
PIN2
PIN1
3712F41P033XXXX0X,T.0BTB,Male
J2

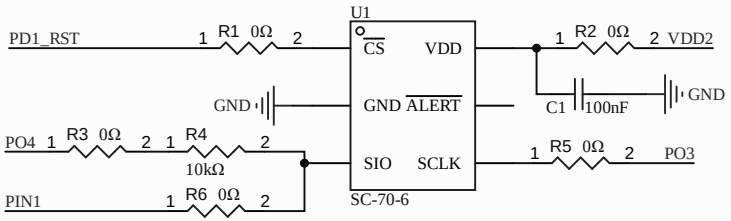

M2
CN1
41P_BTB
VDD2
PO5
PO4
PO3
PO11_OSCO
PO7_SCK
PO6_SDI
VPP1
SDO_PIN4
FT_PIN0
PD1_RST
PIN1
GND
GND
M1


OTP
P1
FT_PIN0
SDO_PIN4
PO6_SDI
PO7_SCK
VDD2
VPP1
GND
GND
Header_2X7
FT_PIN0: SDO-FT
SDO_PIN4: SDO
PO6_SDI: SDI
PO7_SCK: SCK
VDD2: VDD
VPP1: VPP


MTP/MTP-B-S
P2
FT_PIN0
PO11_OSCO
FT_PIN0
PO5
PO7_SCK
VDD2
GND
GND
Header_2X7
FT_PIN0: PDT-FT
PO11_OSCO: PDO-S
FT_PIN0: PDO-B
PO5: PDT
PO7_SCK: PCK
VDD2: VDD


8051
P3
PO7_SCK
SDO_PIN4
PO11_OSCO
VDD2
GND
GND
Header_2X5
PO7_SCK: SWDIO-O
SDO_PIN4: SWDIO-I
PO11_OSCO: SWCLK
VDD2: VDD


1.62 V to 5.5 V
10 kΩ
0.1 µF
GPIO
GPIO
Data_Out
Data_In
CLK
10 kΩ
VDD
ALERT
CS
SIO
SCLK
GND
TMP126-Q1


U1
PD1_RST
R1 0Ω
CS
VDD
R2 0Ω
VDD2
GND
GND ALERT
C1
100nF
GND
PO4
R3 0Ω
R4
10kΩ
SIO
SCLK
R5 0Ω
PO3
PIN1
R6 0Ω
SC-70-6