SEMI-HANDLER_ALERT_PCB

AIM23082801A

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U_02_HIERARCHICAL_BLOCKS
02_HIERARCHICAL_BLOCKS.SchDoc

U_07_REVISION_HISTORY
07_REVISION_HISTORY.SchDoc

U_08_BOM
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ANORA

Anora Instrumentation Private Limited
No 77, SP, Ambattur Industrial Estate,
Behind HCL Office and Near Sundaram Hospital,600058

ENGINEER: PRAMOD	Page Title: 01_TABLE_OF_CONTENTS		
PCB DESIGNER: MADHU	FILE NAME: SEMI-HANDLER_ALERT_PCB	SIZE: B	DATE: 08-28-2023
APPROVER: PRAMOD	DOCUMENT NO: AIM23082801A	Rev: A	SHEET: 1 of 8

RS485_INPUT

J8
BUS_PWR
4
3
2
1
S4B-XH-A(LF)(SN)
BUS_GND

J7
BUS_PWR
4
3
2
1
S4B-XH-A(LF)(SN)
BUS_GND

RS485_DRIVER

U_03_RS485_DRIVER
03_RS485_DRIVER.SchDoc

B
A
RX
TXEN
TX

POWER_SUPPLY

U_04_POWER_SUPPLY
04_POWER_SUPPLY.SchDoc

BUS_PWR
BUS_GND
+5V
+3.3V
GND

IO_CONNECTOR

J13
1
2
3
4
5
68000-105HLF

ALERT_MCU

U_05_ALERT_MCU
05_ALERT_MCU.SchDoc

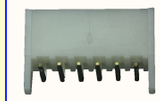
R0_MCU
G0_MCU
B0_MCU
W0_MCU
R1_MCU
G1_MCU
B1_MCU
W1_MCU
R2_MCU
G2_MCU
B2_MCU
W2_MCU
R3_MCU
G3_MCU
B3_MCU
W3_MCU
RX
TXEN
TX
PA2
PC2
PC3
PD6
PD7
BUZZER_MCU

ALERT_FRONT_END

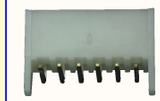
U_06_ALERT_FRONT_END
06_ALERT_FRONT_END.SchDoc

R0_MCU
G0_MCU
B0_MCU
W0_MCU
R1_MCU
G1_MCU
B1_MCU
W1_MCU
R2_MCU
G2_MCU
B2_MCU
W2_MCU
R3_MCU
G3_MCU
B3_MCU
W3_MCU
BUZZER_MCU
R0
G0
B0
W0
R1
G1
B1
W1
R2
G2
B2
W2
R3
G3
B3
W3
BUZZER_OUT

LED_OUTPUT_CONNECTORS

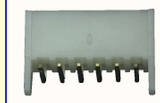


BUS_PWR
J9
1
2
3
4
5
6
BUS_GND
S6B-XH-A(LF)(SN)



BUS_PWR
J10
1
2
3
4
5
6
BUS_GND
S6B-XH-A(LF)(SN)

BUS_PWR
J11
1
2
3
4
5
6
BUS_GND
S6B-XH-A(LF)(SN)

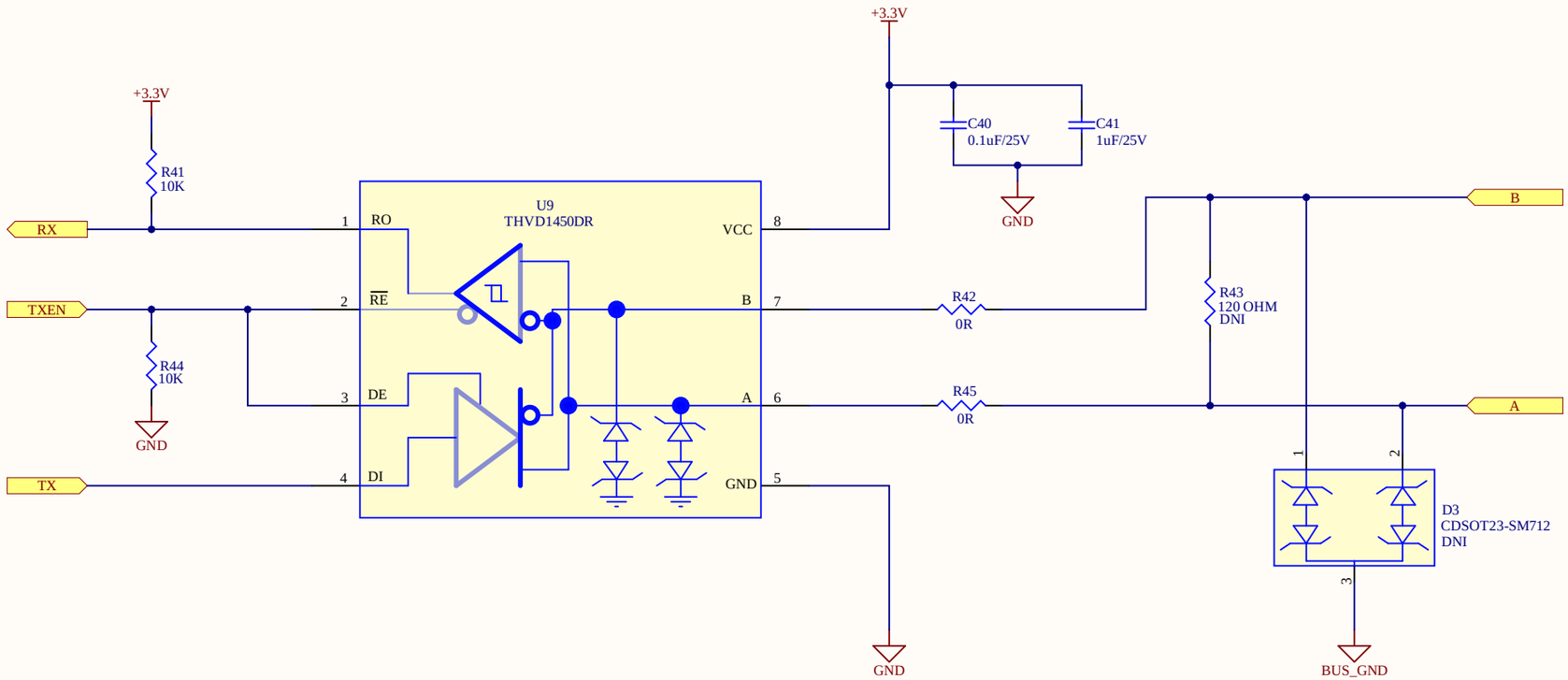


BUS_PWR
J12
1
2
3
4
5
6
BUS_GND
S6B-XH-A(LF)(SN)

+5V
P
N
BZ_1
CMT-8504-100-SMT-TR

Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: PRAMOD	Page Title: 02_HIERARCHICAL_BLOCKS	
	PCB DESIGNER: MADHU	FILE NAME: SEMI-HANDLER_ALERT_PCB	SIZE: B / DATE: 08-28-2023
	APPROVER: PRAMOD	DOCUMENT NO: AIM23082801A	Rev: A / SHEET: 2 of 8

RS485_DRIVER



Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: PRAMOD	Page Title: 03_RS485_DRIVER	
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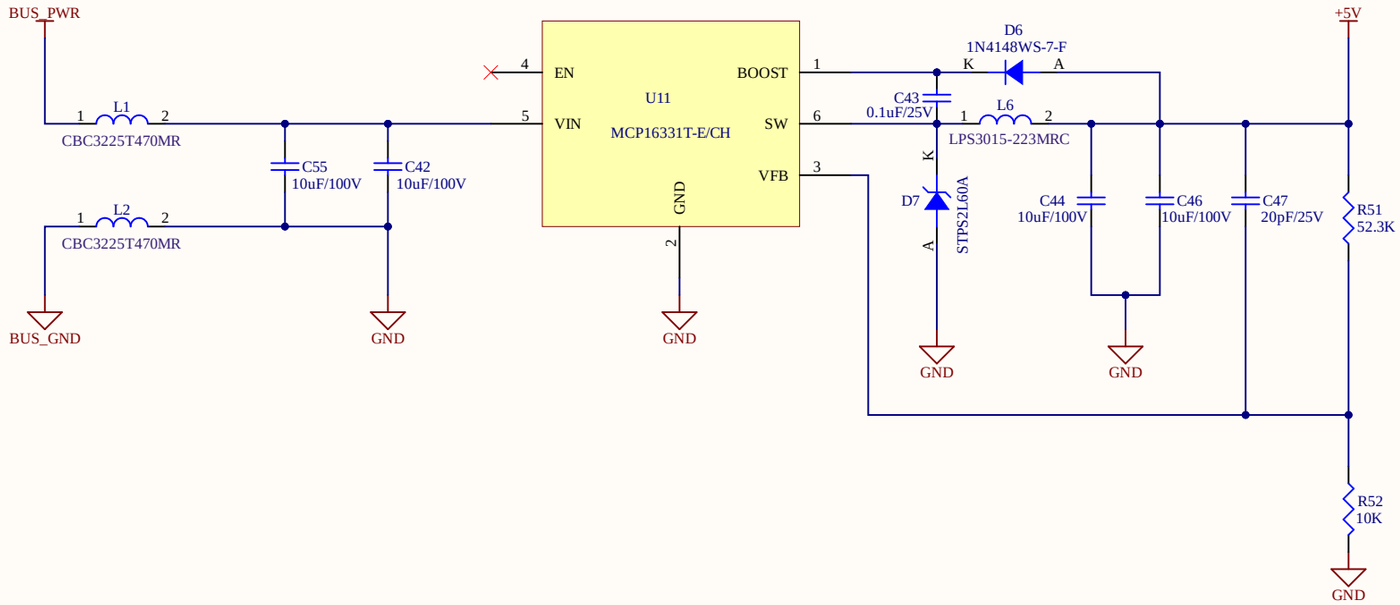
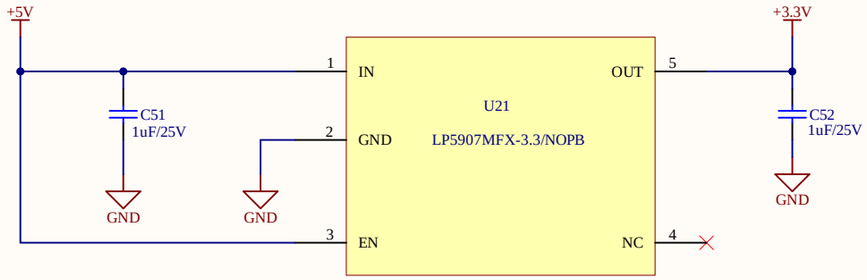
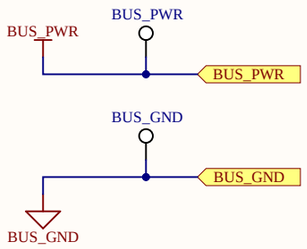
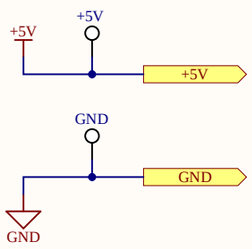
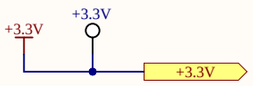
POWER_SUPPLY











ANORA Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: PRAMOD	Page Title: 04_POWER_SUPPLY	
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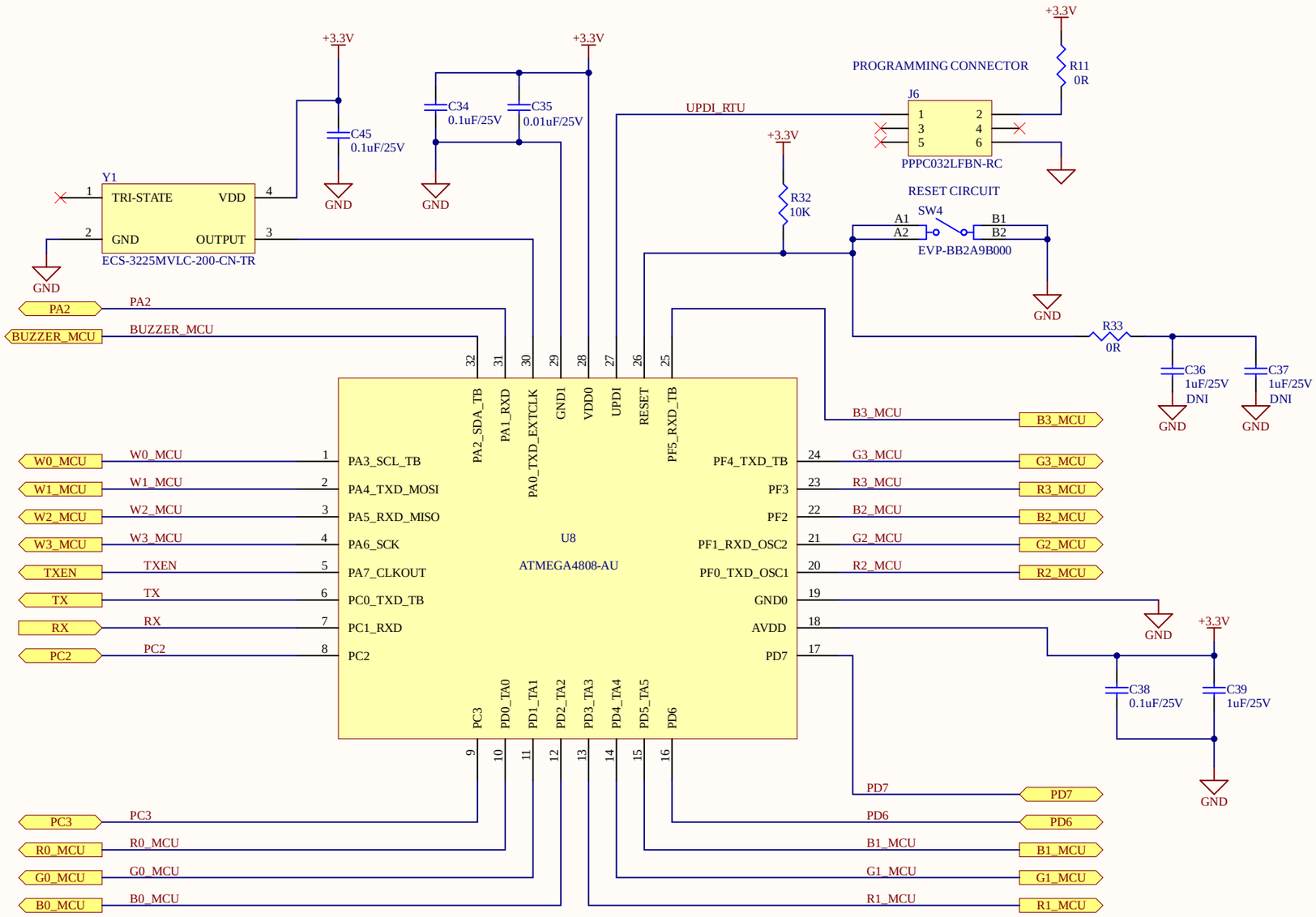
ALERT_MCU



Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: PRAMOD	Page Title: 05_ALERT_MCU	
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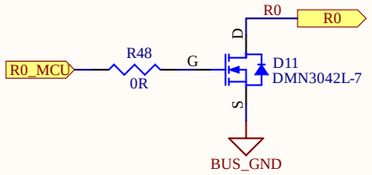
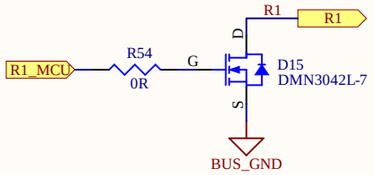
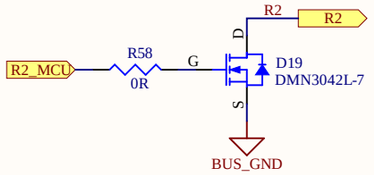
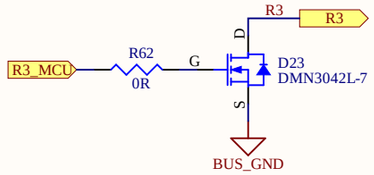
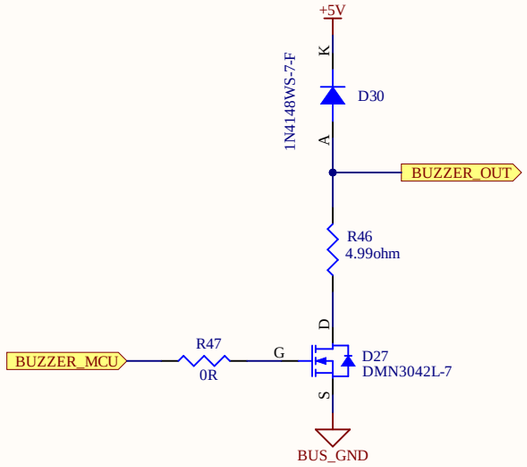
ALERT_FRONT_END

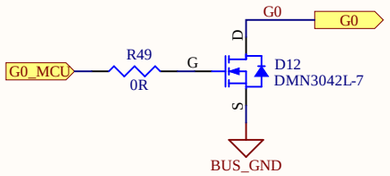


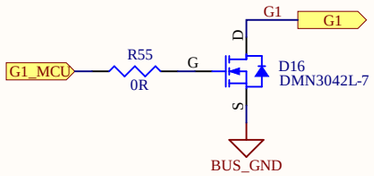


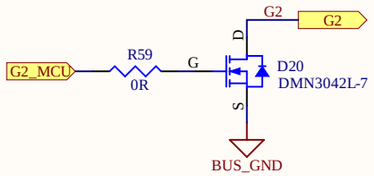


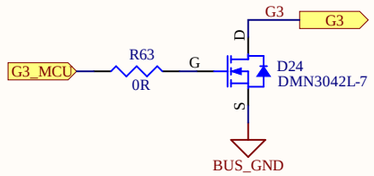


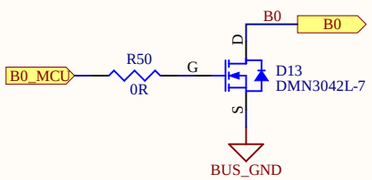


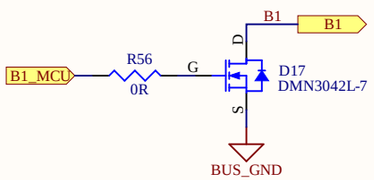


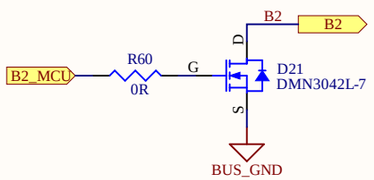


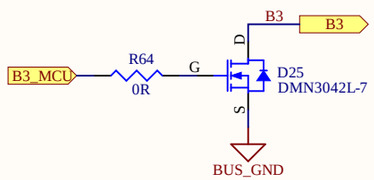


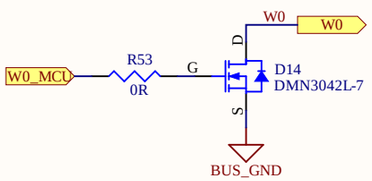


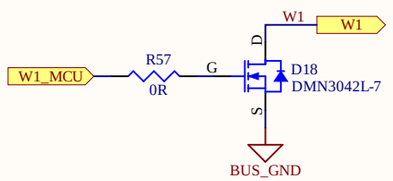


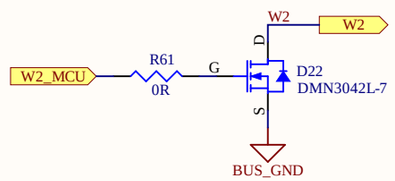


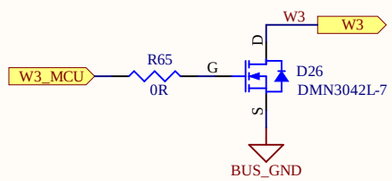












Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: PRAMOD	Page Title: 06_ALERT_FRONT_END	
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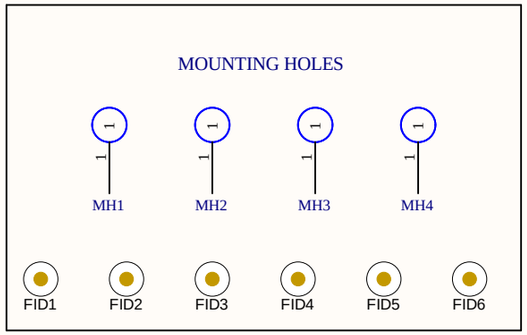
REVISION HISTORY

REV.	DATE	BY	REVISION HISTORY SHEET
REV-A	**28 AUG 2023**	**PRAMOD/MADHU**	**INITIAL RELEASE**

Anora Instrumentation Private Limited
No 77, SP, Ambattur Industrial Estate,
Behind HCL Office and Near Sundaram Hospital,600058

ENGINEER: PRAMOD	Page Title: 07_REVISION_HISTORY		
PCB DESIGNER: MADHU	FILE NAME: SEMI-HANDLER_ALERT_PCB	SIZE: B	DATE: 08-28-2023
APPROVER: PRAMOD	DOCUMENT NO: AIM23082801A	Rev: A	SHEET: 7 of 8

BOM



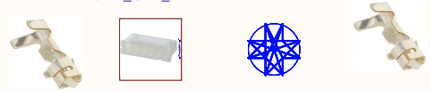
SKT_CTB_J7

XHP-4 **SXH-002T-P0.6**

SKT_CTB_J9

XHP-6 **SXH-002T-P0.6**

SKT_CTB_J11



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SKT_CTB_J8

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SKT_CTB_J10

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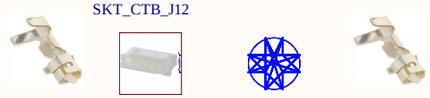

XHP-6 **SXH-002T-P0.6**

Anora Instrumentation Private Limited No 77, SP, Ambattur Industrial Estate, Behind HCL Office and Near Sundaram Hospital,600058	ENGINEER: **PRAMOD**	Page Title: **08_BOM**	
	PCB DESIGNER **MADHU**	FILE NAME: **SEMI-HANDLER_ALERT_PCB**	SIZE **B** / DATE **08-28-2023**
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