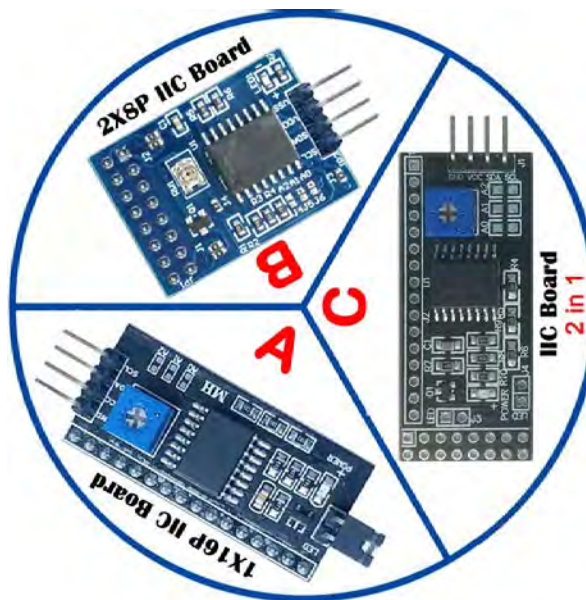




Surenoo IIC Adapter Board USER MANUAL



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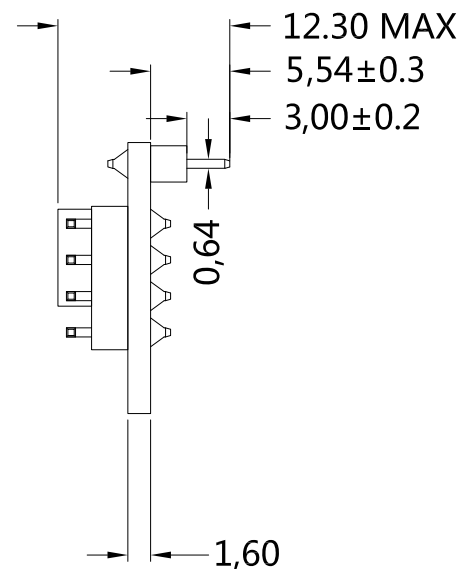
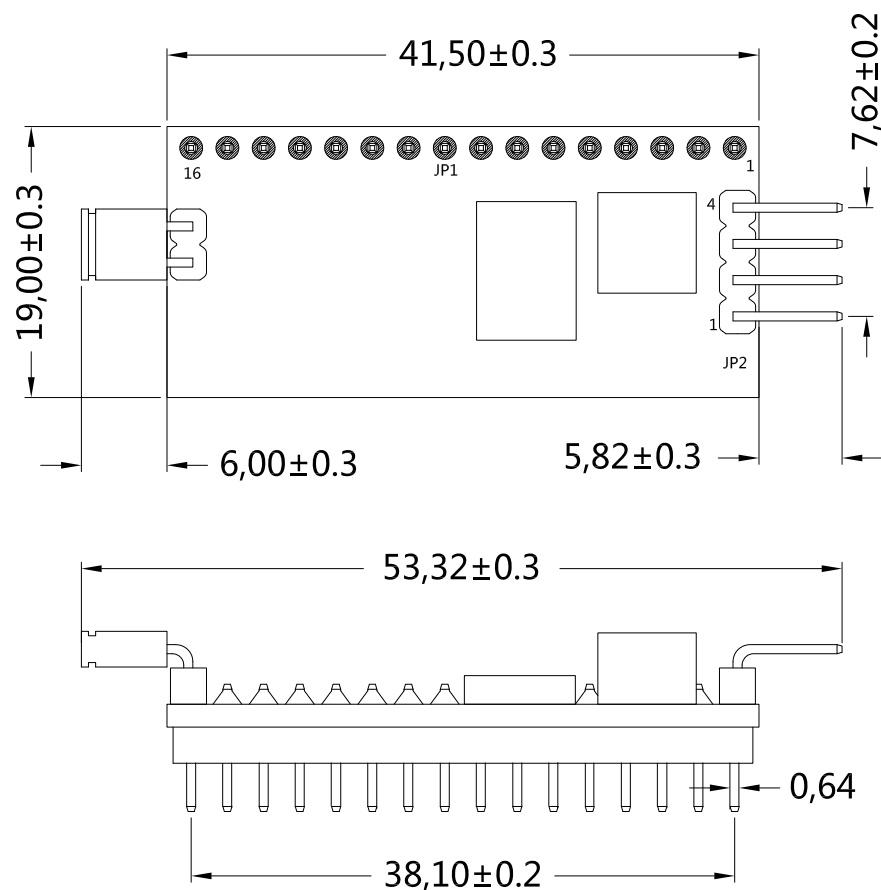
Reference link

[Surenoo IIC Display Selection Guide](#)



Surenoo PCF8574T Serial IIC Module: SLC-IIC-A

REV	DESCRIPTION	DESIGN	DATE
A	1'ST DEGIN	JAVEN	Jul-17-2019



JP1
(Connect to Character Display)

PIN NO.	SIGNAL
1	VSS
2	VDD
3	V0
4	RS
5	R/W
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	LEDA
16	LEDK

JP2
(Connect to Arduino Board)

PIN NO.	SIGNAL
1	SCL
2	SDA
3	VDD 5V
4	VSS



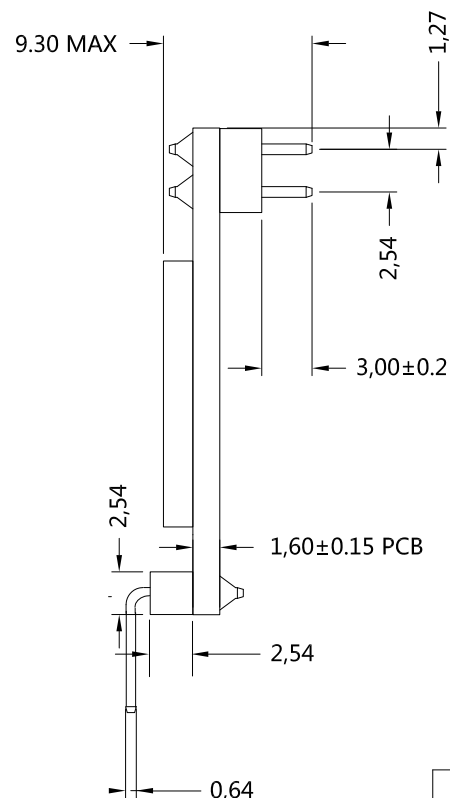
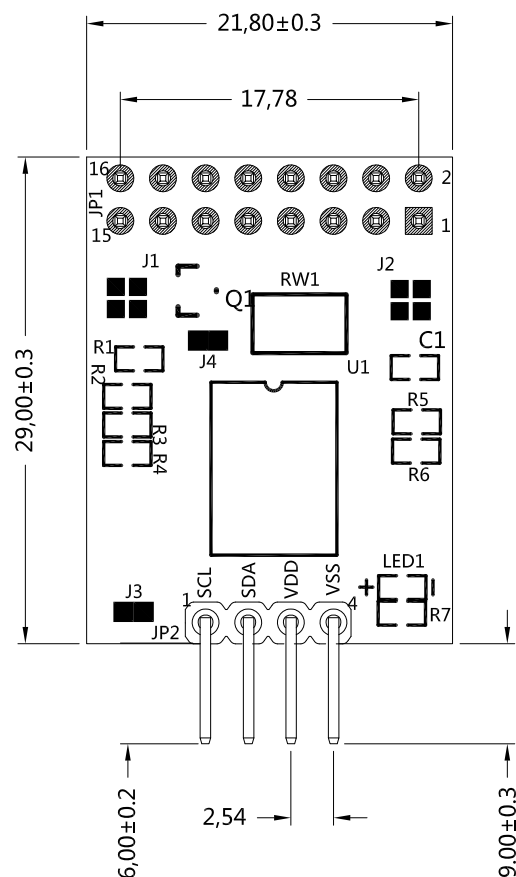
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深圳市襄诺科技有限公司

www.surenoo.com

info@surenoo.com

APPROVALS	DATE	SLC-IIC-A		GENERAL TOL.		UNITS	
APP				SCALE:		MM	
CHK				N.T.S.			
VN	JIM	Jul-17-2019	Not specified tolerances : 0.3mm	PROJECTION	SHEET:	1	

Surennoo PCF8574T Serial IIC Module: SLC-IIC-B



Default

LCD Pin Jumper

J1	15th	16th	J2	1st	2nd
	LEDA	LEDK		VSS	VDD
	LEDK	LEDA		VDD	VSS

JP1
(Connect to Character Display)

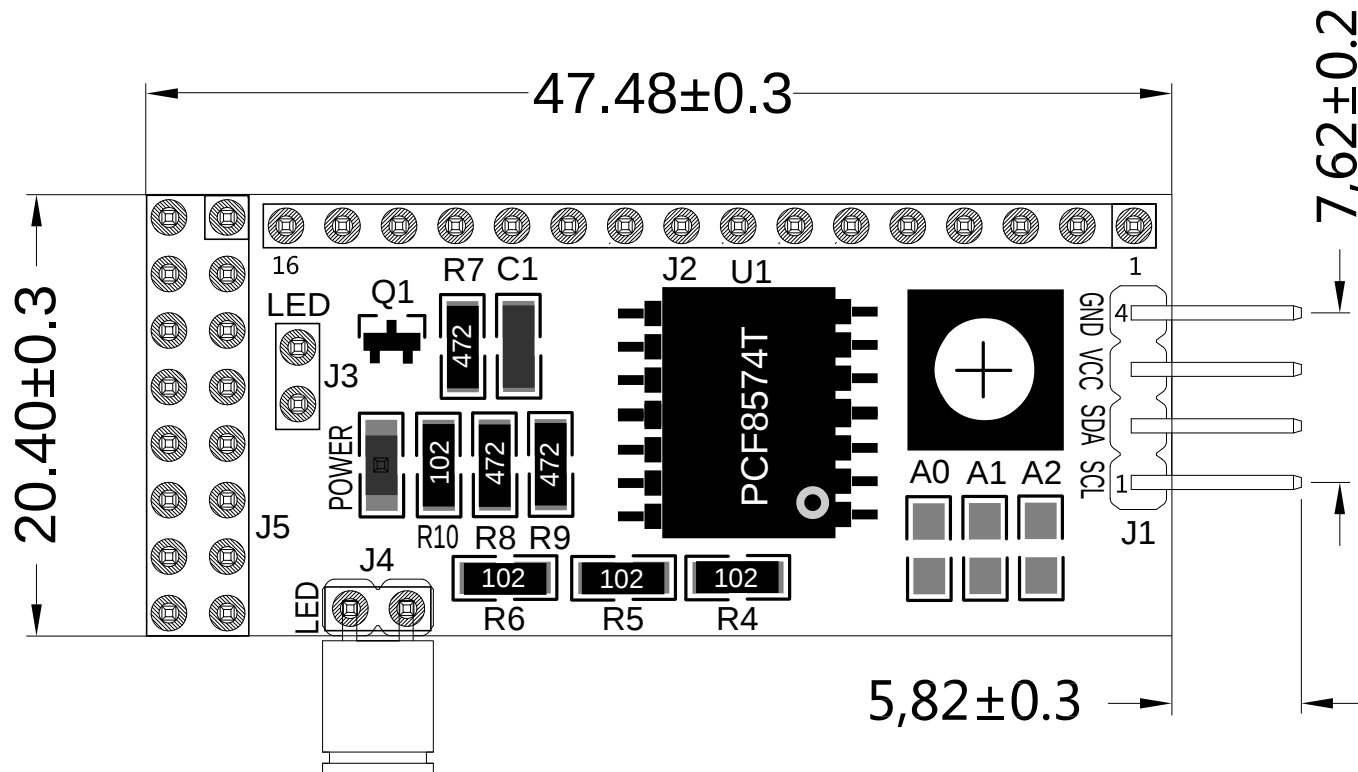
PIN NO.	SIGNAL
1	VSS
2	VDD
3	V0
4	RS
5	R/W
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	LEDA
16	LEDK

JP2
(Connect to Arduino Board)

PIN NO.	SIGNAL
1	SCL
2	SDA
3	VDD 5V
4	VSS

Surennoo PCF8574T Serial IIC Module: SLC-IIC-C

REV	DESCRIPTION	DESIGN	DATE
A	1 ST DEGIN	JAVEN	Jul-17-2019



J1&J5		J1	
(Connect to Character Display)		(Connect to Arduino Board)	
PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	VSS	1	SCL
2	VDD	2	SDA
3	V0	3	VDD 5V
4	RS	4	VSS
5	R/W		
6	E		
7	DB0		
8	DB1		
9	DB2		
10	DB3		
11	DB4		
12	DB5		
13	DB6		
14	DB7		
15	LEDA		
16	LEDK		



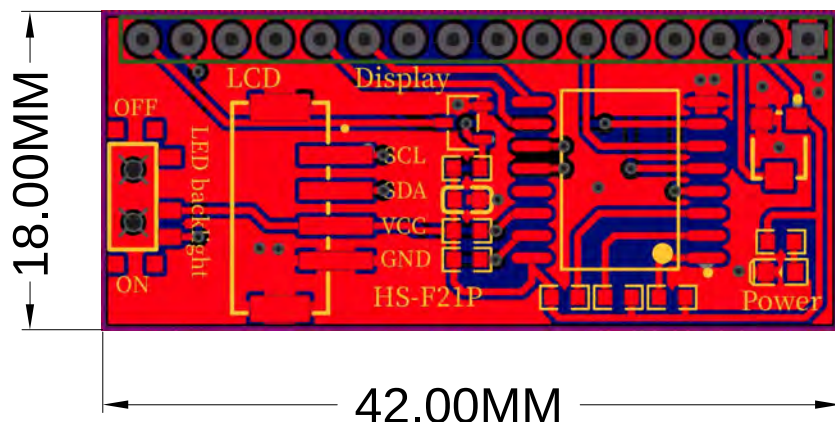
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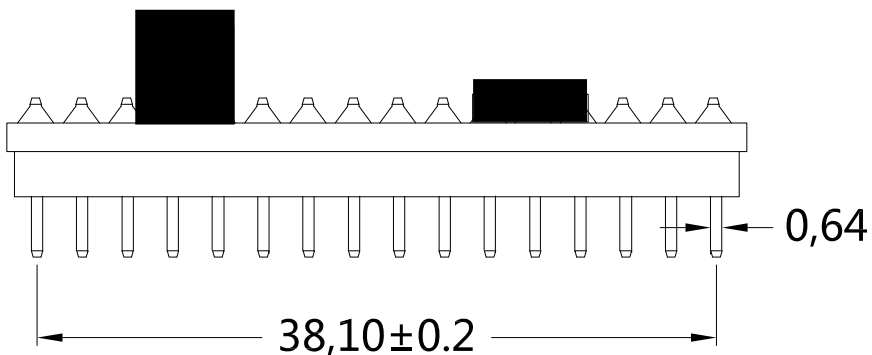
info@surennoo.com

APPROVALS	DATE	SLC-IIC-C		GENERAL TOL.	UNITS
APP				SCALE:	MM
CHK				N.T.S.	
VN	JIM	Jul-17-2019	Not specified tolerances : 0.3mm	PROJECTION	SHEET: 1

Surennoo PCF8574T Serial IIC Module: SLC-IIC-D



4P/PH2.0 Connector



Free 4P Cable for PH2.0 to Dupont 2.54 Female Connector

REV	DESCRIPTION	DESIGN	DATE
A	1'ST DEGIN	JAVEN	Jul-17-2019

JP1 (Connect to Character Display)		JP2 (Connect to Arduino Board)	
PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	VSS	1	SCL
2	VDD	2	SDA
3	V0	3	VDD 5V
4	RS	4	VSS
5	R/W		
6	E		
7	DB0		
8	DB1		
9	DB2		
10	DB3		
11	DB4		
12	DB5		
13	DB6		
14	DB7		
15	LEDA		
16	LEDK		



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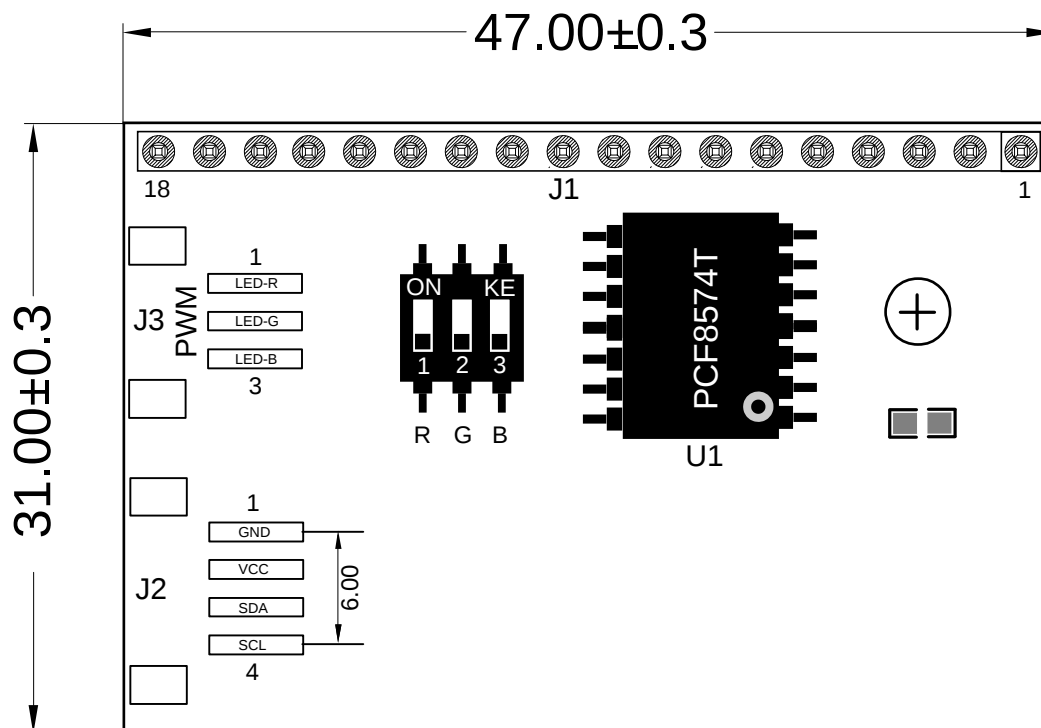
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APPROVALS		DATE	SLC-IIC-D		GENERAL TOL.		UNITS
APP					SCALE:		
CHK					N.T.S.		
VN	JIM	Jul-17-2019			SHEET:		1
Not specified tolerances : 0.3mm			PROJECTION				

Surennoo PCF8574T Serial IIC Module: SLC-IIC-E

For SLC1602L RGB Character LCD Module Only.



REV	DESCRIPTION	DESIGN	DATE
A	1'ST DEGIN	JAVEN	Jul-17-2019

J1

(Connect to Character Display)

PIN NO.	SIGNAL
1	VSS
2	VDD
3	V0
4	RS
5	R/W
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	LEDA
16	LEDA_R
17	LEDA_G
18	LEDA_B

J2

(Connect to Arduino Board)

PIN NO.	SIGNAL
1	GND
2	VCC
3	SDA
4	SCL

J3

(Connect to Arduino Board)

PIN NO.	SIGNAL
1	LED-R
2	LED-G
3	LED-B



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APPROVALS	DATE	SCALE	GENERAL TOL.	UNITS
APP		SLC-IIC-E	SCALE: N.T.S.	MM
CHK				
VN	JIM	Jul-17-2019	Not specified tolerances : 0.3mm	
			PROJECTION	SHEET: 1



Interfacing I2C Adapter Board to Arduino Board

