



SHENZHEN AV-DISPLAY CO.,LTD

ADDRESS: No. 39, Jinyuan Road, He'ao Jinyuan Industrial Zone, Yuanshan, Long Gang, Shenzhen, China

TEL: (086)0755-88860696

FAX: (086)0755-26911092

WEB: http://www.av-display.com

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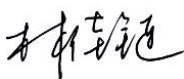

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# SPECIFICATION FOR IOT MODULE

**MODULE NO. : SDM-L769043CN-A0-S**  
**CUSTOMER NO.:**  
**Rev No. : A**

AVD	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE			
DATE	2021.10.26	2021.10.26	2021.10.26

CUSTOMER APPROVAL	SIGNATURE	DATE

Notes:

- 1.Please contact AVD before assigning your product based on this module specification.
- 2.To improve the quality of product,this product specification is subject to change without any notice.

**REVISION RECORD**

<b>Rev No.</b>	<b>Rev date</b>	<b>Contents</b>	<b>Remarks</b>
O	2021.10.26	First Release	Preliminary
A	2021.11.23	Format Modification	All Pages



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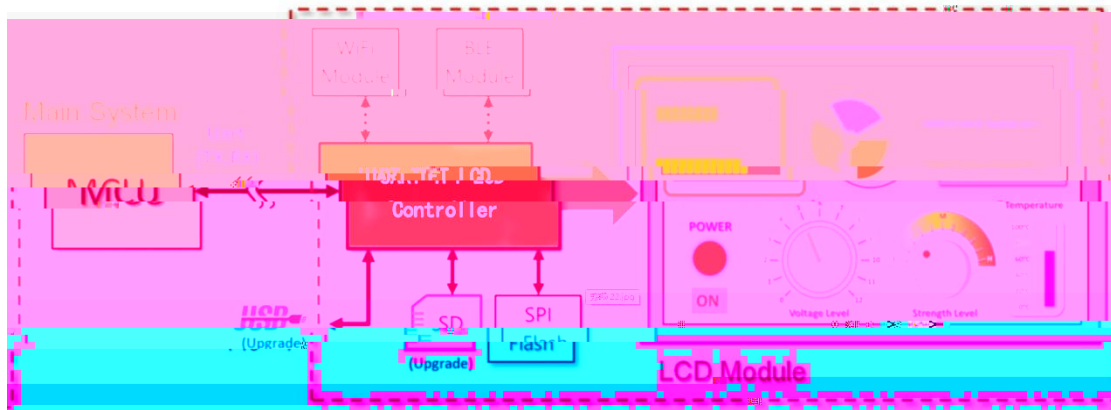
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## 1. MODULE DESCRIPTION

**SDM-L769043CN-A0-S** is a 4.3" serial display module with capacitive touch panel. This product can be widely used in all kinds of smart home appliances, automobile instrument panel, motorcycle panel, multi-functional transaction mach

## (2) FUNCTIONAL BLOCK DIAGRAM



## (3) COMMUNICATION PROTOCOL

Start code	Order code	Number	Command parameter	CRC code	Epilog code
0xAA (1 Byte)	1 Byte	1 Byte	n Byte	2 Byte	0xE4 0x1B 0x11 0xEE (4 Bytes)

## (4) INTERFACE DESCRIPTION





**JP1 : Power and UART**



**No.**

**Symbol**

**No.**

**Symbol**

1

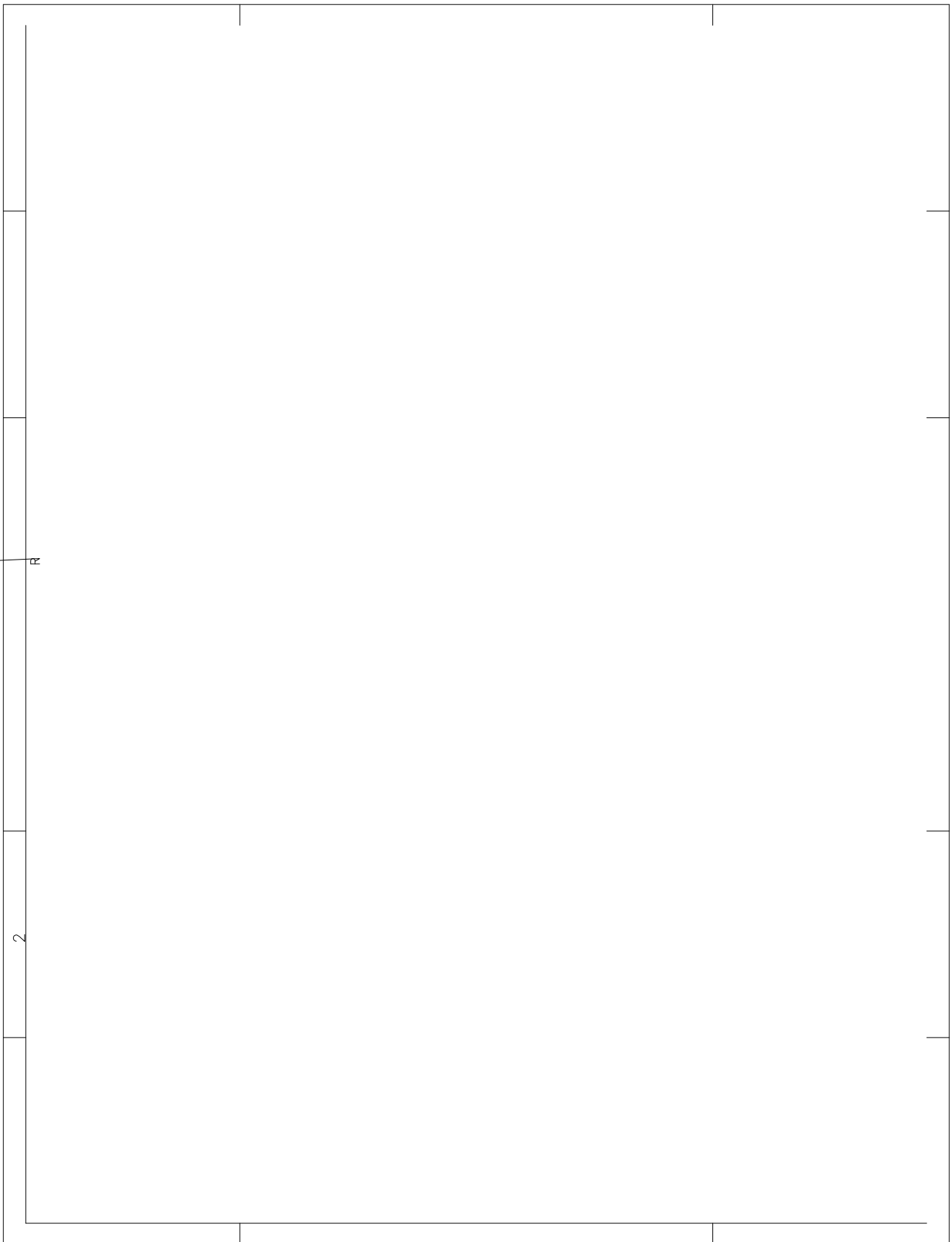
PWR+ 5V

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TX

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## 2.MOUDLE EXTERNAL DIMENSIONS



### 3.LCD DESCRIPTION

No.	Item	Contents	Unit
1	LCD Size	4.3 Inch	/
2	Display Mode	TN/Normally White/Transmissive/Anti-glare	/
3	Interface Type	RGB 24bit	/
4	Resolution	480 *272 Pixels	/
5	Pixel Pitch	0.198*0.198 mm	/
6	Color Depth	16.7M	/
7	Module Size	105.40*67.1*2.90 mm	/
8	Surface Luminance	500(Typ.)	cd/m <sup>2</sup>

### 4.TOUCH DESCRIPTION

No.	Item	Contents	Unit
1	Touch Type	Capacitive Touch Panel (CTP)	/
2	Driver IC	GT911 or Compatible	/
3	Resolution	480*272 Pixels	/
4	Interface		

5	Temperature Cycle Storage Test	-30°C ~ 25°C ~ +80°C/1	value before test and after test is 50% larger; 2. Function defect : Non-display,abnormal-d isplay 3.Visual defect : Glass crack.
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