

# Product Specification

- Product Information
- Preliminary Specification
- Approval Specification

*Any modification of Spec is not allowed without SDC's permission.*

CUSTOMER	R/A Customer
DATE OF ISSUE	2018/11/27

MODEL NO.	IS550ENT-N20
EXTENSION CODE	-V(0)

## Customer Approval & Feedback

Approved by



Prepared by

Luo Lianbin

# **SPECIFICATION FOR APPROVAL**

- Preliminary Specification
- Final Specification

This specification is applicable to 55" 3000 cd/m<sup>2</sup>

If there is any change to the specific panel information, we will inform you

Screen Size	55"	Display Type	a-Si <u>TFT</u> -LCD
Resolution	<b>1920*1080</b>	Refresh Rate	60Hz
Outline Size	1242.1 × 718 × 40 (H×V×D) mm		
Viewing Size	1209.6 × 680.4 (H×V) mm		
Brightness	<b>3000 cd/m2</b>	Contrast Ratio	1300:1
Viewing Angel	89/89/89/89	Best Viewing Angel	All
Display Colors	16.7M	Input Voltage	12V ( <u>Typ.</u> )
Environment	Operating Temperature: 0~50°C Operating Temperature: -20~60°C		
Peak Power	Undetermined		

No	Symbol	Description	No	Symbol	Description
1	NC (Reserved)	Power Supply +12.0V (reserved)	27	<u>GND</u>	Ground
2	NC (Reserved)	Power Supply +12.0V (reserved)	28	Rx0n	V-by-One HS Data Lane 0
3	NC (Reserved)	Power Supply +12.0V (reserved)	29	Rx0p	V-by-One HS Data Lane 0
4	NC (Reserved)	Power Supply +12.0V (reserved)	30	<u>GND</u>	Ground
5	NC (Reserved)	Power Supply +12.0V (reserved)	31	Rx1n	V-by-One HS Data Lane 1
6	NC (Reserved)	Power Supply +12.0V (reserved)	32	Rx1p	V-by-One HS Data Lane 1
7	NC (Reserved)	Power Supply +12.0V (reserved)	33	<u>GND</u>	Ground
8	NC (Reserved)	Power Supply +12.0V (reserved)	34	Rx2n	V-by-One HS Data Lane 2
9	NC	No Connection(Notes 4)	35	Rx2p	V-by-One HS Data Lane 2
10	<u>GND</u>	Ground	36	<u>GND</u>	Ground
11	<u>GND</u>	Ground	37	Rx3n	V-by-One HS Data Lane 3
12	<u>GND</u>	Ground	38	Rx3p	V-by-One HS Data Lane 3
13	<u>GND</u>	Ground	39	<u>GND</u>	Ground
14	<u>GND</u>	Ground	40	Rx4n	V-by-One HS Data Lane 4
15	Data format 0	Input Data Format [1:0] : '00'=Mode1, '01'=Mode2, '10'=Mode3, '11'=Mode4	41	Rx4p	V-by-One HS Data Lane 4
16	Data format 1		42	<u>GND</u>	Ground
17	NC	No Connection(Notes 4)	43	Rx5n	V-by-One HS Data Lane 5
18	<u>SDA</u>	<u>SDA</u> (For I2C)	44	Rx5p	V-by-One HS Data Lane 5
19	<u>SCL</u>	<u>SCL</u> (For I2C)	45	<u>GND</u>	Ground
20	NC	NO CONNECTION	46	Rx6n	V-by-One HS Data Lane 6
21	Bit <u>SEL</u>	'H' or NC= 10bit(D), 'L' = 8bit	47	Rx6p	V-by-One HS Data Lane 6
22	L-DIMEnable	'H'=Enable, 'L' or NC=Disable	48	<u>GND</u>	Ground
23	<u>AGP</u> or <u>NSB</u>	'H' or NC : <u>AGP</u> 'L' : <u>NSB</u> (No signal Black)	49	Rx7n	V-by-One HS Data Lane 7
24	<u>GND</u>	Ground	50	Rx7p	V-by-One HS Data Lane 7
25	<u>HIPDN</u>	Hot plug detect	51	<u>GND</u>	Ground
26	<u>LOCKN</u>	Lock detect	-	-	-