

- Notes:
1. Tolerance is ±0.2mm unless otherwise noted.
 2. Marked with * is critical dimension.
 3. Marked with () is reference dimension.
 4. LCD Match Connector: Molex 54104-4531.

A K
 Colour: White S-LEDs
 IF=20mA, VF=21.6V-23.2V-24.8V
 Backlight circuit diagram

CUSTOMER APPROVAL:

This drawing contains confidential information and is the property of GOWORLD, without whose permission it may not be copied, shown or handed to a third party or otherwise used.

SHANTOU GOWORLD DISPLAY CO., LTD.
 Tel: 0754-88192283 Fax: 0754-86338619

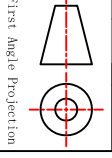
DRAWN: 林鹏浩
 2020-03-09

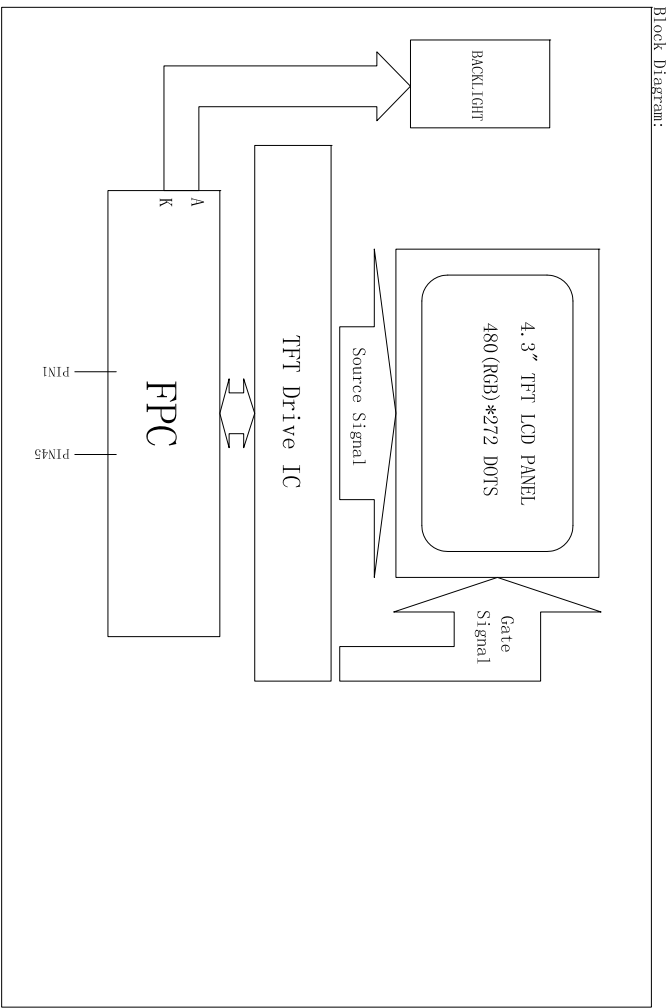
CHECKED: 陈秀丹
 2020-03-09

APPROVED: 黄宏生
 2020-03-09

LCM No.: GWM/TFT16547-LCM/D
 DWG No.: ED-16547-LCM/D

Rev: 00 UNITS: mm
 SHEET 1 OF 2





Pin Description:

Pin	Symbol	Function Description
1	K	Backlight cathode.
2	A	Backlight anode.
3	GND	Ground
4	VDD	Power supply (3.3V)
5-12	RO-RT	Data bus (Red)
13-20	GO-GT	Data bus (Green)
21-28	BO-BT	Data bus (Blue)
29	GND	Ground
30	CLK	Clock signal/latching data at the falling edge.
31	DISP	Display control/standby mode selection. (1)DIS=, standby mode. (2)DIS=, normal display mode.
32	HS	Horizontal sync signal. Negative polarity.
33	VS	Vertical sync signal. Negative polarity.
34	DE	Data Input enable. Active high.
35	GND	Ground
36	TP-GND	TP Ground
37	TP-RST	TP Reset
38	TP-GND	TP Ground
39	TP-IN	TP Interrupt
40	TP-SIM	TP 12C Interface
41	TP-SCL	TP Ground
42-43	TP-GND	TP Ground
44	TP-GND	TP power supply (3.3V)
45	TP-GND	TP Ground

Display Type: TFT/Normally Black/Transmissive
 Viewing Direction: All
 TFT Panel: HSD043B9W3
 TFT Driver IC: SC7283
 Power supply (TFT): VDD=3.3±0.1V
 Operation Temperature: -20° ~ +70° C
 Storage Temperature: -30° ~ +80° C
 Interface Connection: FPC

D00: Improve the backlight light leakage issue. (Refer to DM16546-D01)	2020.03.09
C00: Modify the FPC Length (Refer to DM16546-C00)	2020.03.09
A00: Original Edition (Refer to DM16546-A05)	2019.12.09

Revision History:

<p>SHANTOU GOWORLD DISPLAY CO., LTD. Tel:0754-88192283 Fax:0754-86338619</p>	<p>DRAWN: 杨晓鸿 2020-03-09</p>	<p>CHECKED: 黄宏生 2020-03-09</p>	<p>APPROVED: 黄宏生 2020-03-09</p>	<p>LCM No.: GWM/TP16547-LCM/D</p>	<p>Rev: 00</p>	<p>UNITS: mm</p>	<p>First Angle Projection</p>
	<p>DWG No.: ED-16547-LCM/D</p>	<p>SHEET 2 OF 2</p>					

CUSTOMER APPROVAL:
 This drawing contains confidential information and is the property of GOWORLD, without whose permission it may not be copied, shown or handed to a third party or otherwise used.