

ALL UNMARK TOLERANCE : ±0.3mm
 DIMENSION WITH * IS SIGNIFICANT DIMENSION
 DIMENSION WITH () IS REFERENCE DIMENSION

7	Bar Code Label	1
6	Insulation Tape	1
5	Gasket (Front)	1
4	Backlight(with FOAM)	1
3	FPC	1
2	IC	1
1	LCD	1

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:0754-86339619

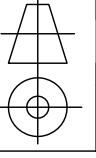
DRAWN: 黄海龙
 2018.03.10

CHECKED: 陈秀丹
 2018.03.10

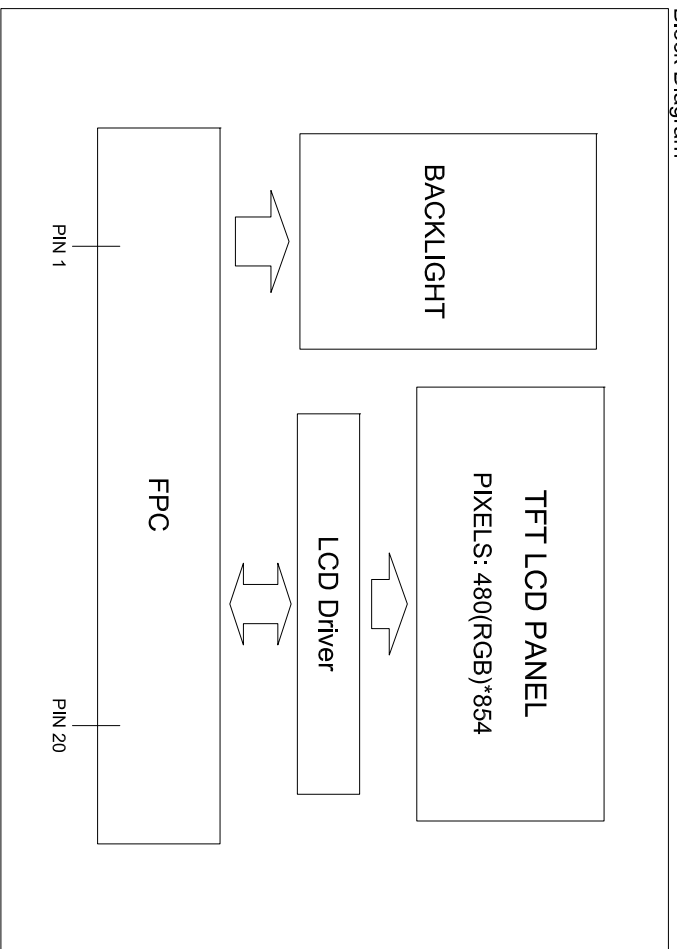
APPROVED: 黄宏生
 2018.03.10

LCM NO: GWMTP14947-LCM/B
 DWG NO: ED-14947-LCM/B

Rev: 03 UNITS: mm
 SHEET 1 OF 2



Block Diagram



LCD Interface Pin Description:

PIN	Symbol	Function Description
1	GND	Power Ground
2	VCI	Power supply for analog and DDC/DC converter
3	IOVCC	Power supply for interface system
4	GND	Power Ground
5	TE	Tearing effect output pin to synchronizes MCU to frame writing
6	RESET	Reset signal input pin (low active)
7	GND	Power Ground
8	D1+	MIP1-DSI data lane 1 positive-end input pin
9	D1-	MIP1-DSI data lane 1 negative-end input pin
10	GND	Power Ground
11	CLK+	MIP1-DSI clock lane positive -end input pin
12	CLK-	MIP1-DSI clock lane negative-end input pin
13	GND	Power Ground
14	DO+	MIP1-DSI data lane 0 positive -end input pin
15	DO-	MIP1-DSI data lane 0 negative-end input pin
16	GND	Power Ground
17	GND	Power Ground
18	LEDK	Backlight Cathode
19	LEDA	Backlight Anode
20	GND	Power Ground

DISPLAY TYPE: FWVGA TFT(IPS) / 16.7M Color
 DISPLAY MODE: Transmissive / Normally Black
 VIEWING DIRECTION: FREE
 LCD DRIVER IC: OTM8019A (RAMLESS) ^{A01}
 LCD INPUT VOLTAGE: VCI=2.8V(typ.), IOVCC=1.8V(typ.)
 LCD INTERFACE : MIP1 DSI 2-lane (Video mode only) ^{A01}
 BACKLIGHT COLOR: White LED(9-LED in series)
 V_f=28±2.0V, I_f(TYP.)=20mA
 OPERATING TEMPERATURE: -20° ~ +70° C
 STORAGE TEMPERATURE: -30° ~ +80° C
 INTERFACE CONNECTOR: FPC

Rev	Description	Date
E03	B03: Add polarizer chamfer and label content note.	-18.03.10
E02	B02: Change back to Version B00, add Bar(Data matrix) code area	-17.08.03
E01	B01: Update inside edges of GASKET (this ver. NOT be confirmed, cancel change)	-17.07.28
E00	B00: Modify the backlight FOAM structure	-17.07.27
A02	A02: Update Bill FOAM(include material and outline) same with Indigo 1.0	-17.07.27
A01	A01: Change 0.4T panel, IC to OTM8019A	-17.06.08
A00	A00: Original Edition (13331_LCM_C02 change TFT panel)	-17.05.02

Revision History:

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:0754-88339619

DRAWN:

魏全宽
 2018.03.10

CHECKED:

黄宏生
 2018.03.10

APPROVED:

黄宏生
 2018.03.10

LCM NO: GWMTP14947-LCM/B Rev: 03 UNITS: mm
 DWG NO: ED-14947-LCM/B SHEET 2 OF 2

