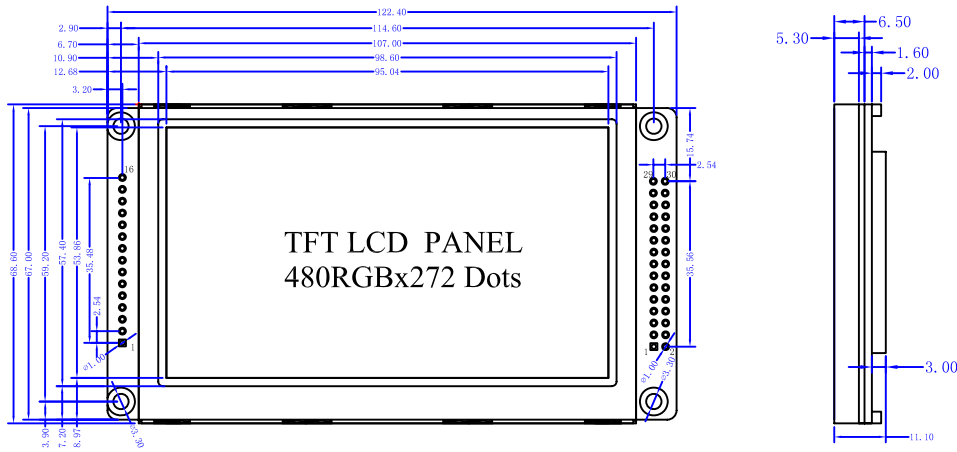


DJM43T42B02 (480(RGB)X272 DOTS TFT LCD)

1.DIMENSION OUTLINE



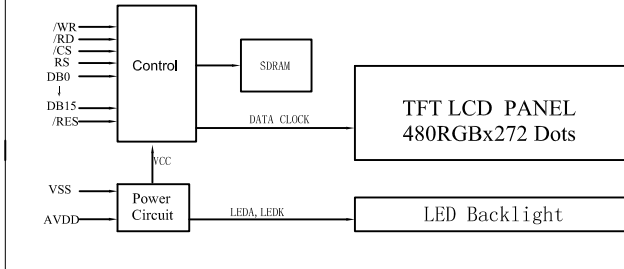
2.MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	ITEM	REMARK
Module Size(L×W×H)	122.4×68.6×11.1	mm	Reference Dimensional Outline
View Area(W×H)	98.6×57.4	mm	
Effective V/Area	95.4×53.86	mm	
Number of Characters	480(RGB)×272	-	
Dot Pitch(W×H)	0.198×0.198	mm	
Dot Size(W×H)		mm	

3.ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	CONDITION	STANDARD	
			MIN	MAX
Logic Voltage	V _{CC}	Ta=25 °C	-0.3V	5.0V
LCD Voltage	V _{LCD}		-0.3V	-
Input Voltage	AVDD		-0.3V	5.0V
Operation Temperature	T _{OP}	-	-20 °C	70 °C
Storage Temperature	T _{st}	-	-30 °C	80 °C

4.BLOCK DIAGRAM MECHANICAL



6.INTERFACE PIN CONNECTIONS

ITEM(CON1)	SYMBOL	LEVEL	FUNCTIONS (external Controller)
1-2	GND	0V	Power Ground
3	VCC	5-3.3V	Power supply for logic
4	RD	H/L	Read signal
5	RW	H/L	Write signal
6	CS	H/L	Chip enable signal
7	A0	H/L	H:command L:data
8-15	DB0-D7	H/L	16-bit DATA
16	REST	L	Reset signal
17-24	DB8-D16	H/L	16-bit DATA
25-26	VCC	5-3.3V	Power supply for logic
27	XR		TP control
28	YD		
29	XL		
30	YU		

5.LED BACKLIGHT SPECIFICATIONS

ITEM	SYMBOL	TYPE	MAX	UNIT
Ta=25 °C				
Forward Voltage	V _f	16V	22.5	V
Forward Current	I _f	250	-	mA
Emission Wave Length	λ _p	White	-	nm

7.ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Ta=25 °C					
Logic Power	V _{CC}	3.0	3.3	3.6	V
Input High Voltage	V _{IH}	0.8V _{CC}	-	V _{CC}	V
Input Low Voltage	V _{IL}	0	-	0.2V _{CC}	V
Output High Voltage	V _{OH}	V _{CC} -0.4	-	V _{DD}	V
Output Low Voltage	V _{OL}	0	-	0.4	V
Logic Current	I _{DD}	-	-	300	mA
Operation Voltage For LCD	V _{GH} -V _{GL}	-	45	-	V

ITEM(CON3)	SYMBOL	LEVEL	FUNCTIONS (external Controller)
1	GND	0V	Power Ground
2	VCC	5-3.3V	Power supply for logic
3	RW	H/L	Write signal
4	RD	H/L	Read signal
5	CS	H/L	Chip enable signal
6	A0	H/L	H:command L:data
7	REST	L	Reset signal
8-15	DB0-DB7	H/L	16-bit DATA
16	BLA	H	BACKLIGHT ON