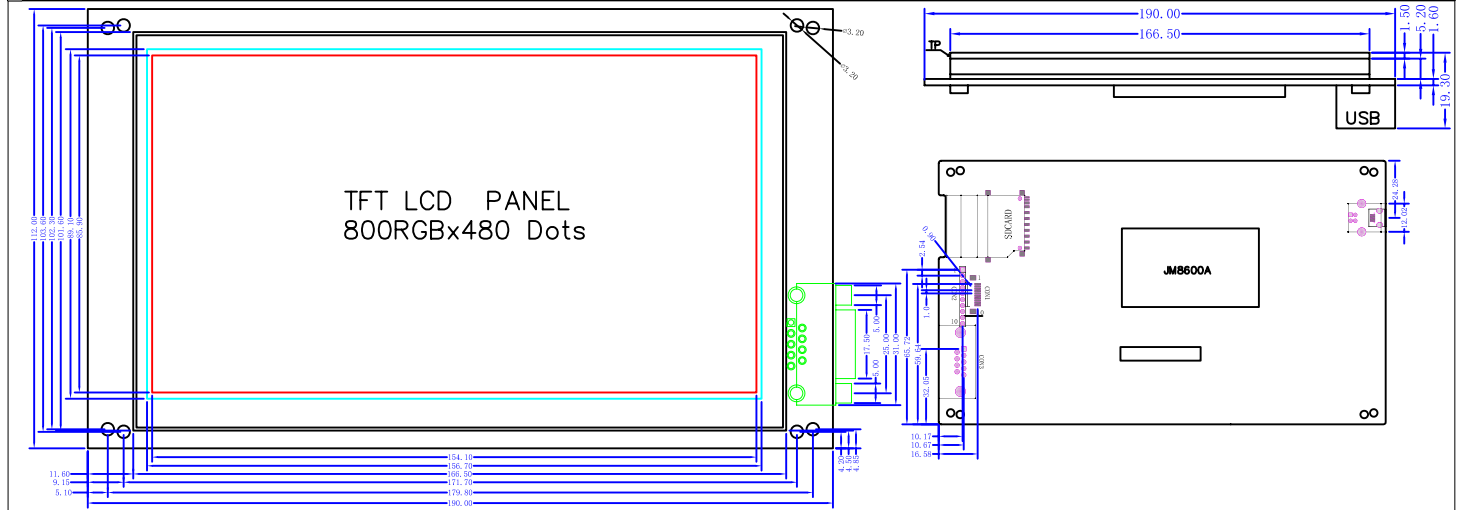


DJM70T48G01 (800(RGB)X480 DOTS TFT LCD)

1.DIMENSION OUTLINE



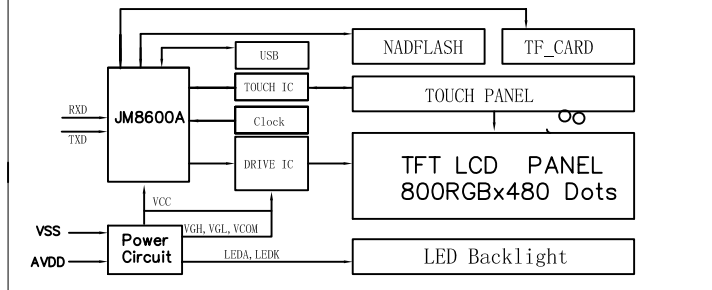
2.MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	ITEM	REMARK
Module Size(L×W×H)	190.0×122.0×13.90	mm	Reference Dimensional Outline
View Area(W×H)	156.70×89.10	mm	
Effective V/Area	154.10×85.90	mm	
Number of Characters	800(RGB)×480	-	
Dot Pitch(W×H)		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	5.5V
LCD Voltage	V _{LCD}		-0.3V	45V
Input Voltage	AVDD		-0.3V	5.5V
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(CON1/2)	SYMBOL	LEVEL	FUNCTIONS (external Controller)
1-3	NC	5.0V	Power
4	NC	-	NC
5	RXD	H/L	Receiver input
6	TXD	H/L	Coms Driver Output
7	NC	-	NC
8-10	GND	0V	Power Ground

ITEM(CON3)	SYMBOL	LEVEL	FUNCTIONS (external Controller)
1	NC	-	NC
2	RXD	H/L	Receiver input
3	TXD	H/L	Coms Driver Output
4	NC	-	NC
5	GND	0V	Power Ground
7,8,9	NC	-	NC

5.LED BACKLIGHT SPECIFICATIONS

ITEM	SYMBOL	TYPE	MAX	UNIT
Ta=25 °C				
Forward Voltage	V _f	9.0	9.5	V
Forward Current	I _f	420	-	mA
Emission Wave Length	λ _p	White	-	nm

8.CONNECTIONS SPECIFICATIONS

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Ta=25 °C					
Baud Rate	Standard	4800	115200	115200	bps
TXD	OutPut1, Iout=1mA	3.0	3.2	-	V
	OutPut0, Iout=1mA	-	0.1	0.2	V
RXD	InPut1, Iin=1mA	2.0	3.3	5.0	V
	InPut0, Iin=1mA	-0.7	0.0	1.3	V
Serial Port Mode	8N1, 3.3V COMS				
User Connections	DB-9 / FFC1.0*10 / DIP10				
USB Connections	BTTYPE - DUPLICATE/MICRO				
SD Connections	SD				

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