

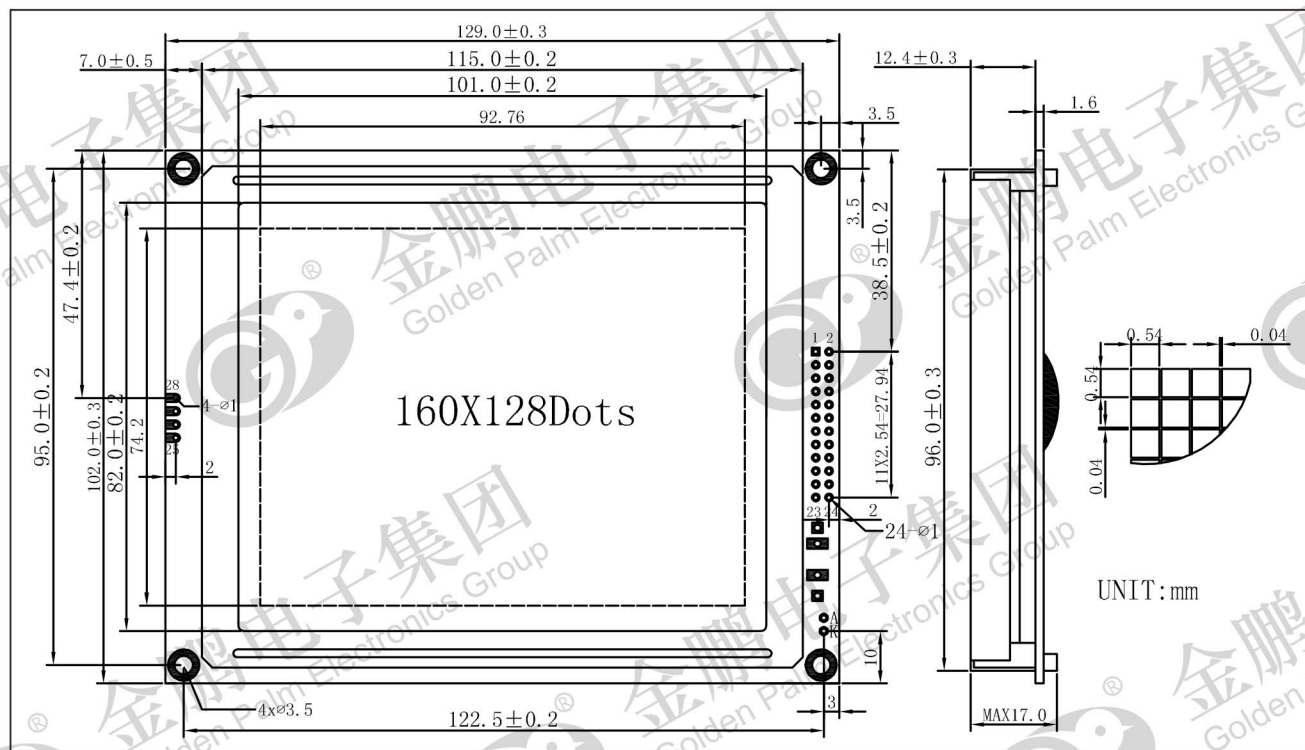


OCMJ8X10B 160 X128 dots

P.22

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ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	V _{DD}	3.6	5.5	V
Supply Voltage(LCD)	V _{DD} -V _{RT2}	0	20	V
Input Voltage	V _I	-0.5	V _{DD} + 0.5	V
Operating Temp.	T _{opr}	-10	70	°C
Storage Temp.	T _{stg}	-30	80	°C

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W X H X T)	129.0X102.0X17.0	mm
Viewing Area(W X H)	101.0X82.0	mm
Dot Pitch(W X H)	0.58X0.58	mm
Dot Size(W X H)	0.54X0.54	mm

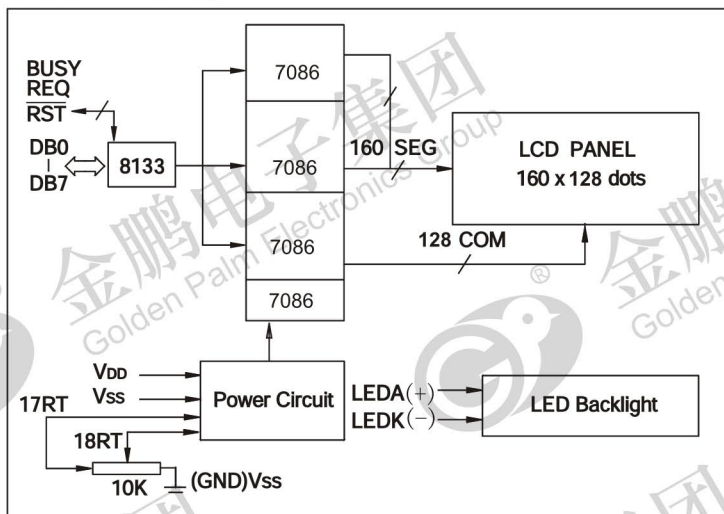
ELECTRICAL CHARACTERISTICS (V_{DD}=5V±0.25V)

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	--	3.6	--	V _{DD}	V
Input Low Voltage	V _{IL}	--	-0.3	--	0.8	V
Output High Voltage	V _{OH}	I _{OH} = -1.5mA	3.5	--	V _{DD}	V
Output Low Voltage	V _{OL}	I _{OL} = +4.0mA	0	--	0.8	V
Supply Current	I _{DD}	V _{DD} = 5.0V	--	6.5	8.0	mA

PIN CONNECTIONS

Pin	Symbol	Level	Function
1	LED-	--	Supply Voltage for LED-
2	LED+	--	Supply Voltage for LED+
3	V _{SS}	--	GND (0V)
4	V _{DD}	--	Supply Voltage for Logic (+5V)
5-12	DB0-DB7	--	DataBusline
13	BUSY	H/L	H:Busy L:ready for input
14	REQ	H	H:Data Input L:Waiting for Busy signal
15	RESET	L	Reset Signal,Active Low
16	NC	--	
17	RT1	--	Contrast regulate resistance input
18	RT2	--	
19	DCLK	H/L	触摸屏 外部时钟输入
20	/CS	H/L	触摸屏 片选信号
21	DIN	H/L	触摸屏 串行数据输入
22	STA	H/L	触摸屏 应答信号1: 忙 0: 空闲
23	DOU	H/L	触摸屏 串行数据输出
24	/INT	L	触摸屏中断
25	X+	--	触摸屏X通道正相输入
26	Y+	--	触摸屏Y通道正相输入
27	X-	--	触摸屏X通道负相输入
28	Y-	--	触摸屏Y通道负相输入

BLOCK DIAGRAM



LED BACKLIGHT SPECIFICATIONS (Ta=25 °C)

Item	Symbol	Typ.	Max.	Unit
Forward Voltage	V _f	4.1	4.3	V
Forward Current	I _f	200	500	mA
Emission Wave Length	λ _p	568	--	nm