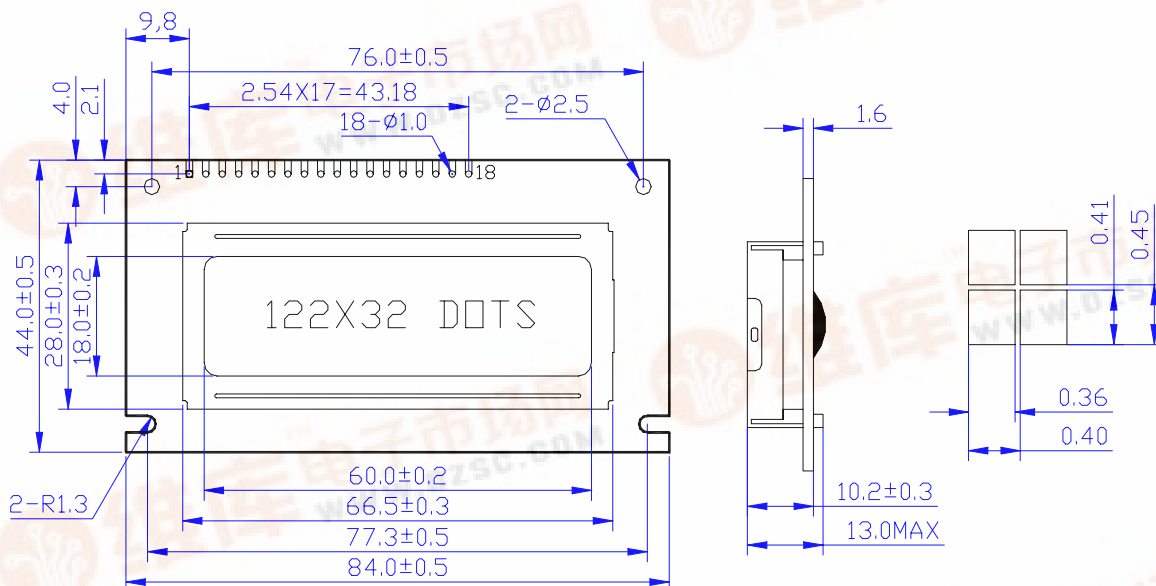


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RT12232B

捷多邦，专业PCB打样工厂，24小时加急出货



MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W×H×T)	84.0 × 44.0 × 13.0	mm
Viewing Area(W×H)	60.0 × 18.0	mm
Dot Pitch(W×H)	0.40 × 0.45	mm
Dot Size(W×H)	0.36 × 0.41	mm

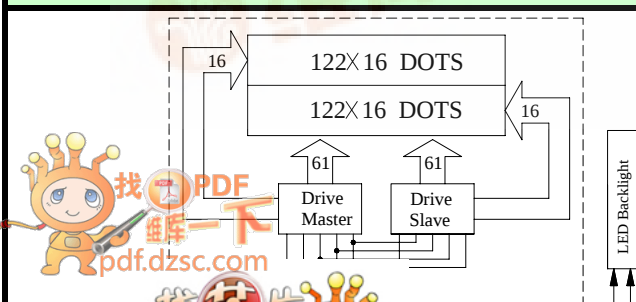
ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.5	5.0	5.5	V
Operating Current	IDD	0.10	0.12	0.15	mA
LED Voltage	V _{LED}	4.5	5.0	5.5	V
LED Current	I _{LED}	75	100	130	mA
Operating Temp.	T _{opr}	-20	—	+70	
Storage Temp.	T _{sto}	-30	—	+80	

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V _{IH}	2.0	—	VDD	V
Input Low Voltage	V _{IL}	0	—	0.8	V
Output Hight Voltage	V _{OH}	2.4	—	VDD	V
Output Low Voltage	V _{OL}	0	—	0.4	V

BLOCK DIAGRAM



PIN CONNECTIONS

PIN	Symbol	Level	Function
1	VDD	—	Supply Voltage for Logic(+5V)
2	VSS	—	GND(0V)
3	VLCD	—	Power Supply for LCD
4	RET	L	Reset Signal (Active LOW)
5	E1	H/L	Read/Write Enable Signal(Master)
6	E2	H/L	Read/Write Enable Signal(Slave)
7	R/W	H/L	H: Read; L: Write
8	A0	H/L	H: Data ; L: Instruction Code
9	DB0	H/L	Data Bus Line
10	DB1	H/L	
11	DB2	H/L	
12	DB3	H/L	
13	DB4	H/L	
14	DB5	H/L	
15	DB6	H/L	
16	DB7	H/L	
17	LED+	—	Backlight Power (+5V)
18	LED-	—	Backlight Power (0V)

POWER SUPPLY

