

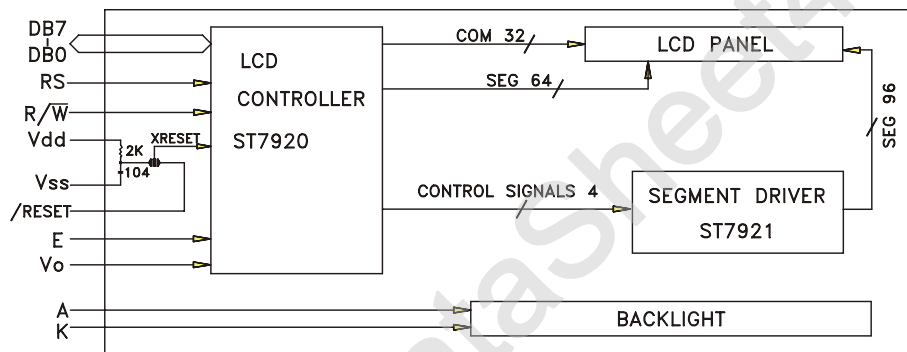
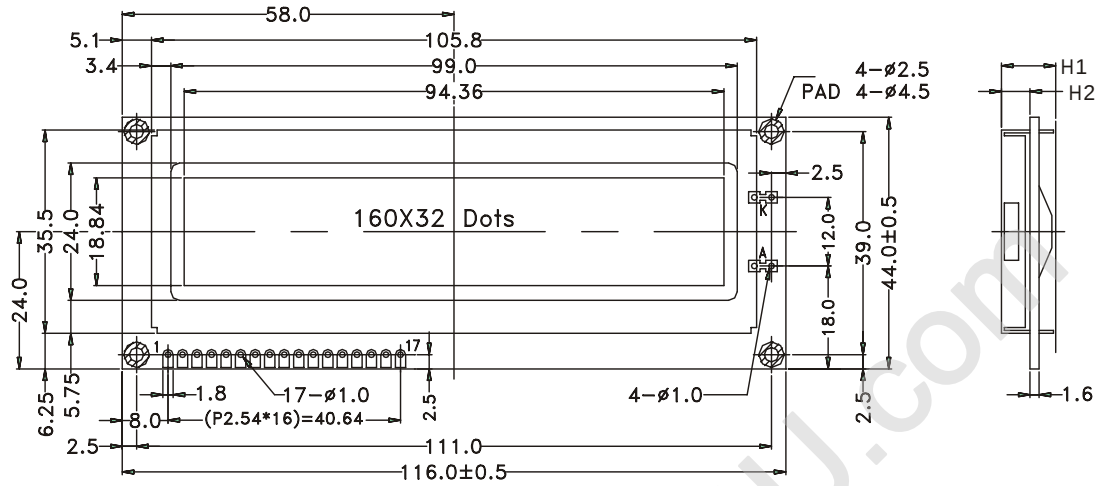
PG16032-B-P2

POWERTECH

Support Chinese font(10x2)

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OUTLINE DIMENSIONS



MECHANICAL SPECIFICATION

Overall Size	116.0 x 44.0 mm	Module	H2 / H1
View Area	99.0 x 24.0 mm	W/O B/L	5.0 / 9.5
Dot Size	0.55 x 0.55 mm	EL B/L	5.0 / 9.5
Dot Pitch	0.59 x 0.59 mm	LED B/L	9.4 / 14.0

PIN ASSIGNMENT

Pin No.	Symbol	Function
1	Vss	Power supply
2	Vdd	Power supply
3	Vo	No connection
4	RS	Register select
5	R/W	Read/write select
6	E	Read/write enable
7~10	DB0~DB7	Data bus
15	A	Power supply for backlight(LED+)
16	K	Power supply for backlight(LED-)
17	/RESET	Reset

ABSOLUTE MAXIMUM RATING

Item	Symbol	Condition	Min.	Max.	Units
Supply for logic voltage	V _{DD} -V _{SS}	25°C	-0.3	5.5	V
LCD driving supply voltage	V _{DD} -V _{EE}	25°C	-0.3	7.0	V
Input Voltage	V _{IN}	25°C	-0.3	V _{DD} +0.3	V

ELECTRICAL CHARACTERISTICS

Item	Symbol	Condition	Min.		Typical		Max.		Units
Power supply voltage	V _{DD} -V _{SS}	25°C	4.5		5.0		5.5		V
LCD operation voltage	V _{OP}	T _{OP}	N	W	N	W	N	W	V
		-20°C	-	-	-	-	-	-	V
		0°C	-	-	-	-	-	-	V
		25°C	-	-	7.0	-	-	-	V
		50°C	-	-	-	-	-	-	V
		70°C	-	-	-	-	-	-	V
LCM current consumption (No B/L)	I _{DD}	V _{DD} =5V	-		2.0		3.0		mA
	I _{EE}	V _{DD} =5V	-		-		-		mA
Backlight current consumption	-	-	-		480		--		mA

REMARK

LCD option: STN, FSTN

Backlight Option: LED