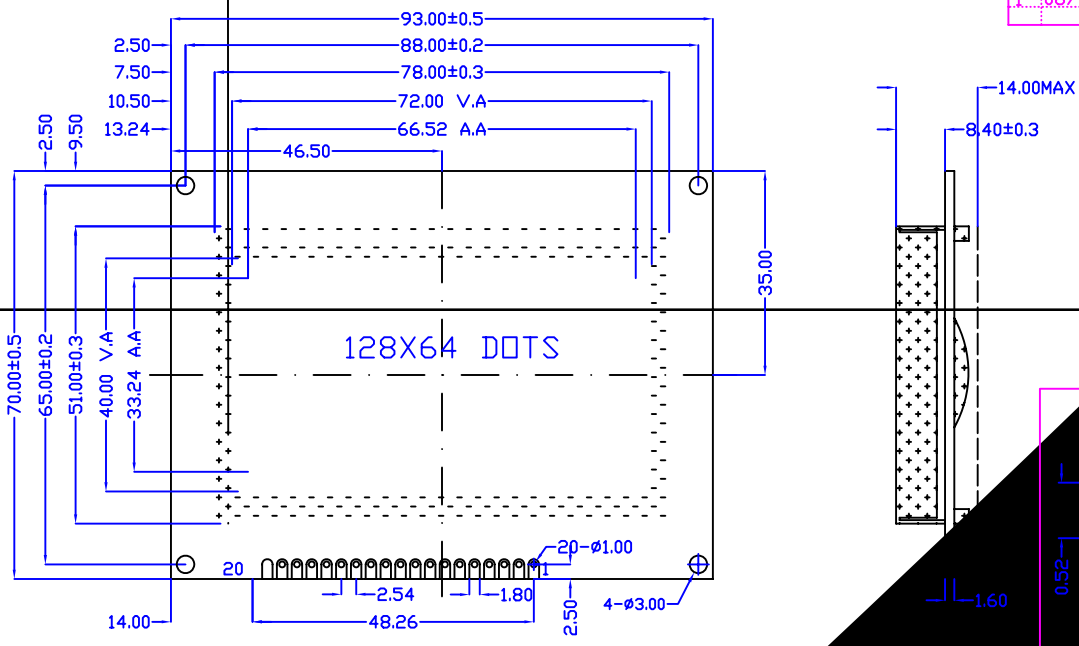
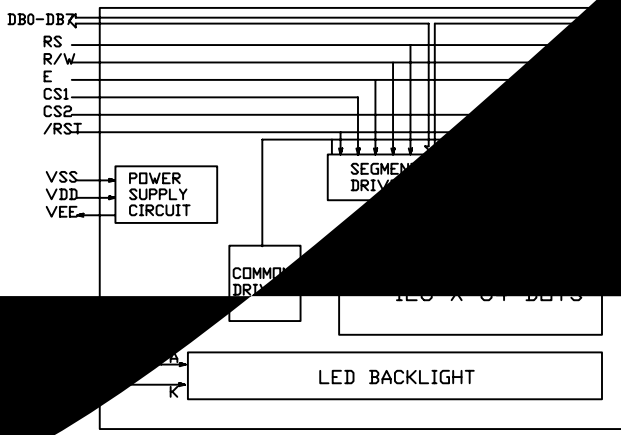


Outline Dimension

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	08/05/24	ZOLEN	NEW RELEASE



Block Diagram



ITEM	SPECIFICATION
OVERALL SIZE	93.0W x 70.0H x 14.0T
VIEWING AREA	72.0W x 40.0H
DOT NUMBER	128 x 64
DOT SIZE	0.48W x 0.48H
DOT PITCH	0.52W x 0.52H

Pin Assignment

NO.	SYMBOL	DESCRIPTION
1	VSS	GROUND
2	VDD	POWER SUPPLY FOR LOGIC AND LCD
3	VR	OPERATING VOLTAGE FOR LCD
4	D/I	DATA/INSTRUCTION SELECT
5	R/W	READ/WRITE SELECT
6	E	ENABLE SELECT
7--14	DB0--DB7	DATA BUS
15	CS1	CHIP SELECT (V _{SS})
16	CS2	CHIP SELECT (V _{SS})
17	/RST	RESET (V _{SS})
18	VEE	LED BACKLIGHT

Rating

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	18.0	V
INPUT VOLTAGE	VI	VI	VDD	V

Electrical Characteristics

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	12.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	-	16.0	-	V
		-	15.0	-	V
		-	14.0	-	V
	VIH	0.7VDD	-	VDD	V
	VIL	-	-	0.3VDD	V



EXPERT IN LCD