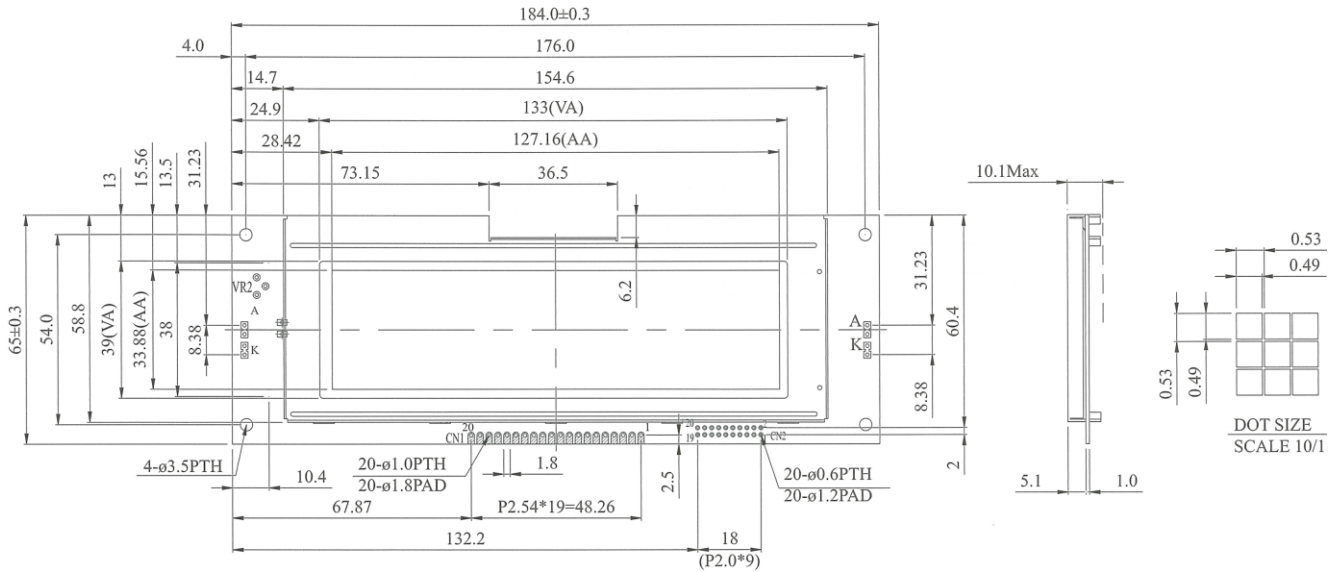


# MSX24064B1

Graphic TAB 240x64

# GMS.

■ ■ ■ DISPLAY SYSTEMS



Feature		
1. Built-in controller ST7565P		
2. +3.3V power supply		
3. 1/64 duty cycle		
4. Built-in N.V.		
5. Only promote LED white		
Pin	Symbol	Function
1	Vss	Ground
2	Vdd	Supply Voltage for logic
3	Vo	Contrast Adjustment
4	A0	H: Data L: Instruction
5	R/W	H: Read L: Write
6	E	Chip enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	CS1	Chip select signal U1
16	CS2	Chip select signal U2
17	/RES	L: reset signal
18	80/68	C86=HIGH:6800 Series MPU interface C86=LOW:8080 MPU interface
19	A	B/L Power supply (+)
20	K	B/L Power supply (-)

Mechanical Data					
Item	Standard Value	Unit			
Module Dimension	184.0 x 65.0	mm			
Viewing Area	133.0 x 39.0	mm			
Dot Size	0.49 x 0.49	mm			
Dot Pitch	0.53 x 0.53	mm			
Mounting Hole	176.0 x 54.0	mm			
Absolute Maximum Rating					
Item	Symbol	Standard Value			Unit
Power Supply	Vdd - Vss	-0.3	---	5.0	V
Input Voltage	Vi	0	---	Vdd	V

Electronical Characteristics						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	Vdd	---	---	3.3	---	V
Supply Current	Idd	Vdd=3.3V	---	1.4	---	mA
Recommended LC Driving Voltage for normal Temperature Version module	Vdd-Vo	-20°C	---	---	---	V
		25°C	---	9.66	---	
		70°C	---	---	---	

See Specification for Backlight information.

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