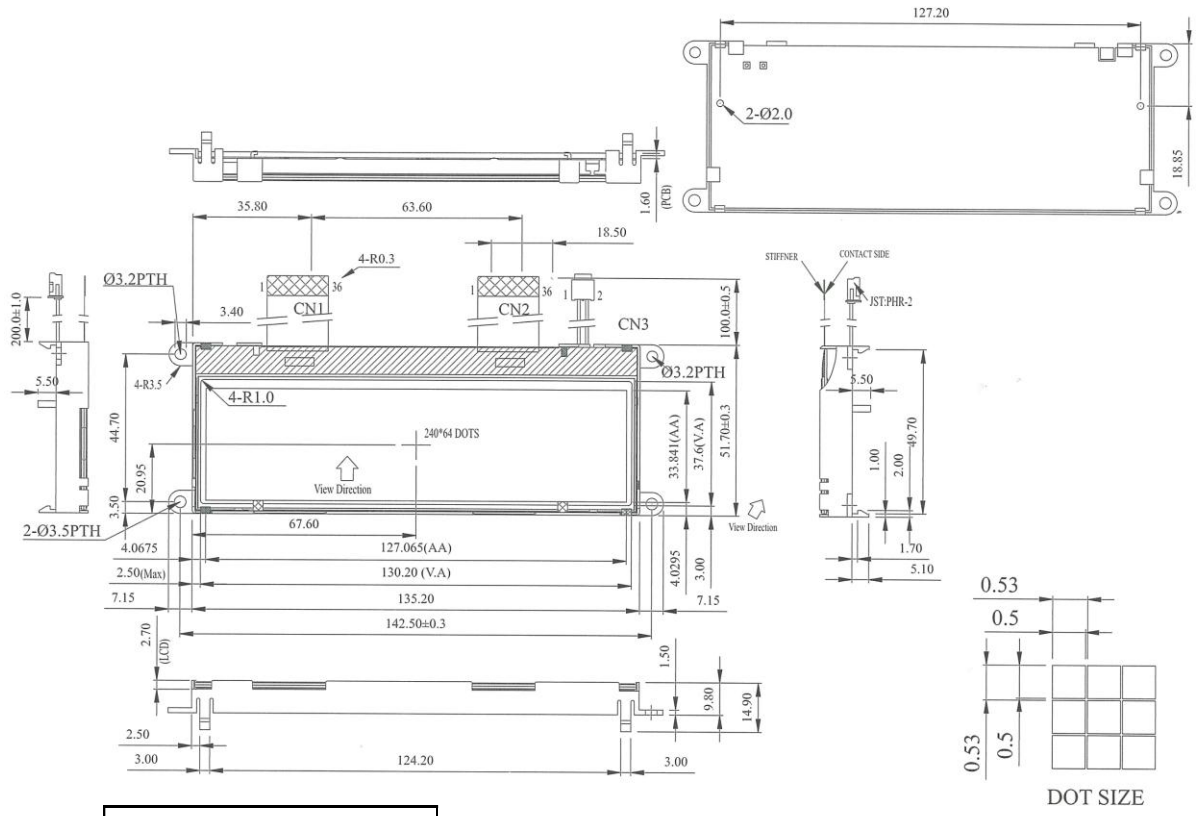
MSO24064A1

Graphic COG 240x64

GMS. DISPLAY SYSTEMS



Feature			
1 Built-in controller (ST7565P)			
2. 1/64 duty cycle			
3. +3.3V Power supply			
Pin	**Symbol**	**Pin**	**Symbol**
1	NC	19	Vdd
2	FR	20	Vss
3	CL	21	Vout
4	/DOF	22	C3-
5	/CS1	23	C1+
6	/CS2	24	C1-
7	/RES	25	C2-
8	A0	26	C2+
9	/WR	27	V1
10	RD	28	V2
11	DB0	29	V3
12	DB1	30	V4
13	DB2	31	V5
14	DB3	32	VR
15	DB4	33	C86
16	DB5	34	P/S
17	DB6	35	NC
18	DB7	36	NC

Mechanical Data

Item	Standard Value	Unit
Module Dimension	142.5 x 51.7	mm
Viewing Area	130.2 x 37.6	mm
Dot Size	0.50 x 0.50	mm
Dot Pitch	0.53 x 0.53	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	Vdd - Vss	-0.3	3.3	5.0	V
Input Voltage	Vi	Vss	---	Vdd	V
Note: Vss= 0 V, Vdd= 3.3 V					

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	Vdd		3.0	3.3	3.6	V
Supply Current	Idd	Vdd= 3.0V	281	337	338	mA
Recommended LC Driving Voltage for normal Temperature Version module	Vo-Vss	-20℃	---	---	---	V
		0℃	---	---	---	
		25℃	9.3	10.0	10.7	
		50℃	---	---	---	
		70℃	---	---	---	
See Specification for Backlight information.						

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