

GENERAL DESCRIPTION:

Display mode : 132 x 128 dots 16 gray scale , graphic COG LCD module

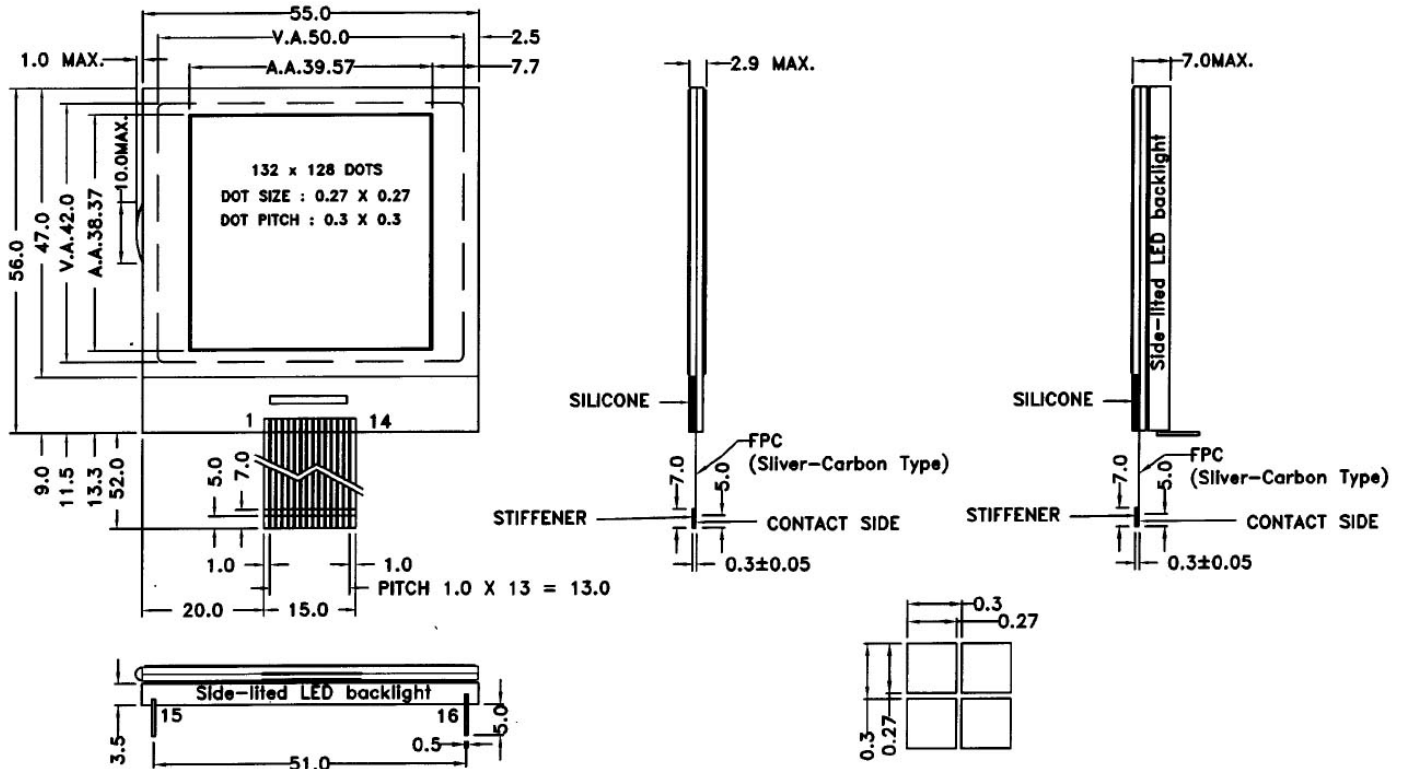
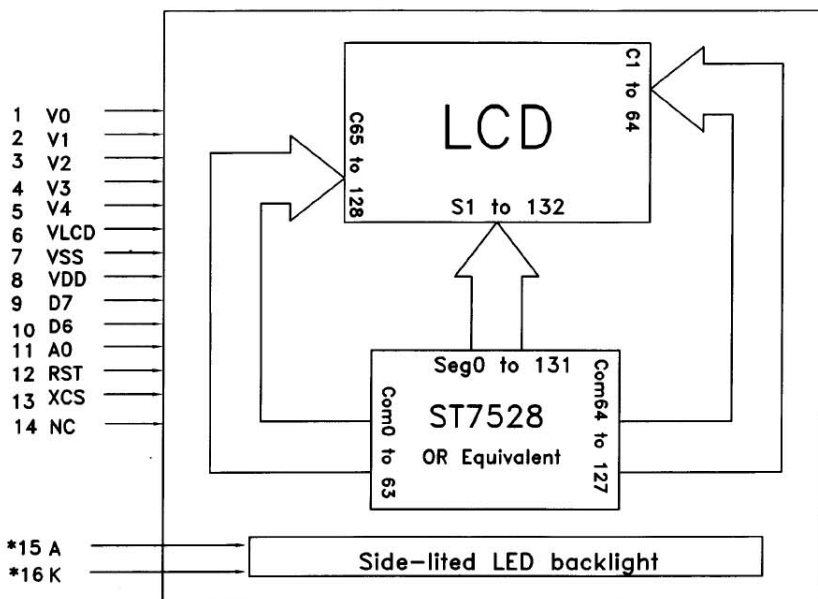
Interface : 4 line interface

Driving method : 1/129 duty, 1/12 bias

Controller IC : Sitronix ST7528 or equivalent

For the detailed information, please refer to the IC specifications.

Backlight : No BL default ,side-lited LED optional

Figure1. OUTLINE DIMENSION**Figure2. BLOCK DIAGRAM**

* Pin15,16 are used for backlight version

PIN NO.	SYMBOL	FUNCTION
1	V0	LCD Driver Supply Voltage
2	V1	
3	V2	
4	V3	
5	V4	
6	VLCD	Operating Voltage for LCD
7	VSS	Ground
8	VDD	Supply Voltage for Logic
9	D7	Serial Input Data
10	D6	Serial Input Clock
11	A0	Register Select
12	RST	Reset
13	XCS	Chip Select
14	NC	No Connection
*15	A	Supply Voltage for Backlight (+VE)
*16	K	Supply Voltage for Backlight (-VE)