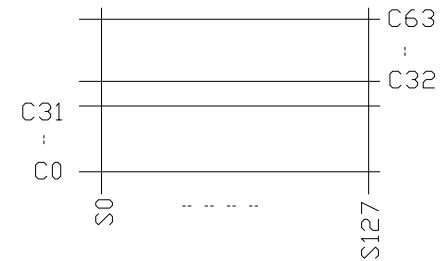


Pixel Details
Scale=20/1

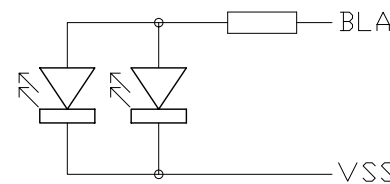


Wiring Details
(Top View)
Scale=free

Terminal No.	Pin Name
1	VSS
2	BLA
3	/RES
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	SCK
11	SDA
12	A0
13	/CS
14	NC
15	NC
16	VDD
17	VSS
18	NC

Note:

- *1. LCD Display Type : FSTN, Positive, Transflective
- *2. Viewing Direction : 6H
- *3. Duty : 1/64; Bias : 1/9
- *4. Operating Voltage : 3.3V ,Vlcd = 9.0V
- *5. Backlight Type : Blue LED, If = 30mA
- *6. Operating Temperature : -10°C~60°C
- *7. Storage Temperature : -20°C~70°C
- *8. Control/Driver IC : ST7565



Backlight Circuit
Scale=free

TS DISPLAY

Dwg Title TSM12864C2-31B-N3S Outline			
Dwg No. 060455		Date 2009-05-27	
Scale 2/1	Unit mm	Tol. ±0.5	
Drawn JACK	Checked	Approved	