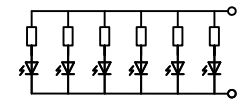


COM & SEG LAYOUT



LED BACK-LIGHT CIRCUIT

PIN	SYMBOL
1	NC
2	NC
3	VLCD
4	VLCD
5	VS+
6	VS-
7	VB0-
8	VB1-
9	VB1+
10	VB0+
11	VDD
12	VDD
13	VSS
14	VSS
15	BM0
16	CS0
17	A0
18	RD(E)
19	WR(R/W)
20	RST
21	D0
22	D1
23	D2
24	D3
25	D4
26	D5
27	D6
28	D7
29	NC
30	NC

**SPECIFICATIONS:**

- 1. DISPLAY TYPE: FSTN / POSITIVE / TRANSFLECTIVE
- 2. DRIVE IC: UC1698U
- 3. OPERATING VOLTAGE: Vdd=3.3V; Vop=16.3V
- 4. OPERATING TEMPERATURE: -20°C ~ +70°C
- 5. STORAGE TEMPERATURE: -30°C ~+ 80°C
- 6. DRIVE MODE: 1/160DUTY, 1/10 BIAS
- 7. VIEWING ANGLE: 6 O'CLOCK
- 8. BACKLIGHT: White LED; If=90mA; VF=3.0V
- 9. CUSTOMER PART NO.: BOCEN STANDARD PRODUCT

**BOCEN DISPLAY TECHNOLOGY CO., LTD.**

DESIGNED BY: Shawn	<b>BG160160-03</b>	VERSION: 1.0
CHECKED BY: William		NO.: 1 OF 3
APPROVED BY: Rio		UNIT: mm
Website: <a href="http://www.bocentech.com">http://www.bocentech.com</a>		DATE: 2017-06-07