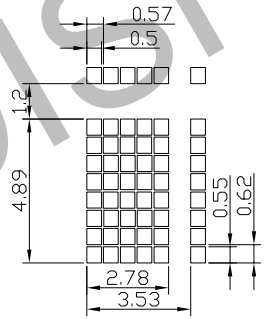
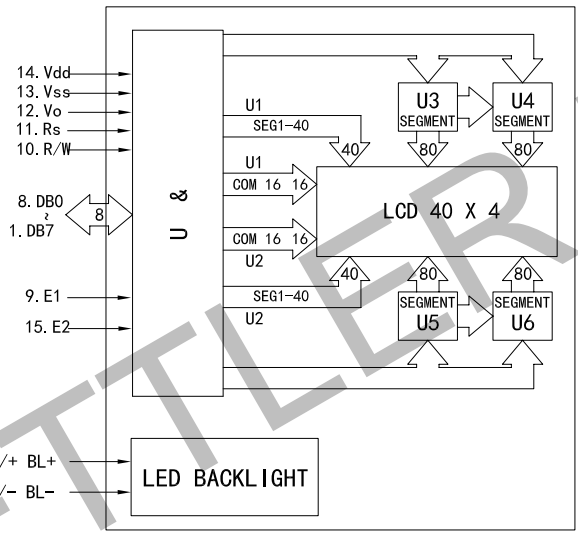


18	LED-
17	LED+
16	NC
15	E2
14	VDD
13	VSS
12	V0
11	RS
10	R/W
9	E1
8	DB0
7	DB1
6	DB2
5	DB3
4	DB4
3	DB5
2	DB6
1	DB7
PIN	SYMBOL



DISPLAY PATTEERN

ITEM	SELECTABLE CONTENTS
DISPLAY MODE	STN YELLOW MODE
	STN GRAY MODE
	STN BLUE MODE
	FSTN
POLARIZER TYPE	REFLECTIVE
	TRANSFLECTIVE
	TRANSMISSIVE, POSITIVE
VIEWING DIRECTION	TRANSMISSIVE, NEGATIVE
	6 O'CLOCK
LED BACKLIGHT	12 O'CLOCK
	WHITE
TEMPERATURE RANGE	Y-G
	RED
	GREEN
	BLUE
	AMBER
	TRI-COLOR
	STANDARD TEMPERATURE
CHARACTER PATTERNS	WIDE TEMPERATURE
	ENGLISH-JAPANESE FONTS
	ENGLISH-EUROPEAN FONTS
	ENGLISH-RUSSIAN FONTS
	CYRILLIC FONTS
	HEBREW FONTS
OPERATING VOLTAGE	5V
LCD DRIVING VOLTAGE	4.2V
LCD DRIVE METHOD	1/16 DUTY 1/5 BIAS
LCD DRIVE IC	ST7066U

NOTE:

- The voltage of backlight is depended on the backlight color and the value of current-limiting resistance.
- The operating voltage can be driven by 3.3v which is selectable.

THE PART NUMBER IN MASS PRODUCTION

1. GRAY OR Y-G STN, TRANSFLECTIVE LCD; Y-G BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
2. FSTN, TRANSFLECTIVE LCD; BLUE OR WHITE BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
3. Y-G STN, TRANSFLECTIVE LCD; WHITE BACKLIGHT; 6 O'CLOCK;
4. Y-G STN, TRANSMISSIVE LCD; Y-G BACKLIGHT; 6 O'CLOCK;
5. BLUE STN, TRANSMISSIVE NEGATIVE LCD; WHITE BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
6. GRAY OR Y-G STN, REFLECTIVE LCD; WITHOUT BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;

UNIT MM	TOLERANCE X.X = ±0.3 X.XX = ±0.20 ANG = -
3RD ANGLE 	
SCALE:	1:1
DRAWN:	
CHECKED:	
APPROVED:	

ZETTLER DISPLAYS

XIAMEN ZETTLER ELECTRONICS CO., LTD.

TITLE:	LCM
MODEL NO:	ACM4004H SERIES
REV	A
PART NO:	
SH NO	1/1