



CONSTANT CURRENT:120mA,9.6V(REF.)
BACKLIGHT DRIVER CIRCUIT DIAGRAM

LCM(PIN define)

Pin No.	Symbol	Pin No.	Symbol
1	VLED+	26	G1
2	VLED+	27	G0
3	VLED-	28	R7
4	VLED-	29	R6
5	GND	30	R5
6	V COM	31	R4
7	DV DD	32	R3
8	MODE	33	R2
9	DE	34	R1
10	VS	35	R0
11	HS	36	GND
12	B7	37	DCLK
13	B6	38	GND
14	B5	39	L/R
15	B4	40	U/D
16	B3	41	VGH
17	B2	42	VGL
18	B1	43	AV DD
19	B0	44	RESET
20	G7	45	NC
21	G6	46	V COM
22	G5	47	DITHB
23	G4	48	GND
24	G3	49	NC
25	G2	50	NC

TP(PIN define)

PIN	1	2	3	4
CONNECTION	Y2	X2	Y1	X1

ITEM	PARAMETERS	ITEM	PARAMETERS	RoHS COMPLIANT	YES
LCD SIZE	6.95 inch(DIAGONAL)	VIEWING DIRECTION(EYE)	12 O'CLOCK		
LCD TYPE	TN/NORMALLY WHITE	OPERATING TEMPERATURE	-20°C TO +70°C		
RESOLUTION(H*V)	800*480 PIXELS	STORAGE TEMPERATURE	-30°C TO +80°C		
POLARIZER TYPE	TRANSMISSIVE	IC	HX8264-D08/HX8664-BOR COMPATIBLE		
POWER SUPPLY INPUT VOLTAGE	3.3V(VDD)	BACKLIGHT	EDGE,WHITE		
I/O LOGIC VOLTAGE	/	CONNECTOR	ZIF		

MARK"*"ARE IMPORTANT DIMENSIONS,MARK"()"ARE REFERENCE DIMENSIONS,MARK"*"ARE SPECIAL CHARACTERISTICS RELATED TO SAFETY,MARK"*☆" ARE SPECIAL CHARACTERISTICS IRRELEVANT TO SAFETY,MARK"●"ARE IMPORTANT CHARACTERISTICS EXCEPT FOR THE SPECIAL CHARACTERISTICS.

REVISION

REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE
A		Initial		Apr./05/2016						

DRAWN BY
ZHIXING XU
DATE: Apr./05/2016
CHECKED BY
DATE:
APPROVED BY
DATE:
APPROVED BY
DATE:

UNLESS OTHERWISE SPECIFIED:
1) ALL DIMENSIONS ARE IN MM.
2) TOLERANCE
.XXX ±.127
.XX ±.254
ANGLES ±0.5°
THIRD ANGLE PROJECTION
DRAWING SIZE: C DRAWING SCALE: NONE
DO NOT SCALE DRAWING

POLYTRONIX, INC. 805 ALPHA DRIVE
RICHARDSON, TX 75081
972.238.7045
CUSTOMER ID NUMBER: SHEET 1 OF 1
TITLE:
CAGE CODE NO. 2Y126 POLYTRONIX PART NUMBER: PT-70WV-RN-01 REV.: A