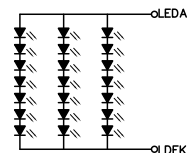


PIN DEFINE	
PIN NO.	SYMBOL
1	LEDK
2	LEDA
3	GND
4	VDD
5	R0
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	DCLK
31	DISP
32	HSYNC
33	VSNC
34	DEN
35	NC
36	GND
37	XL
38	YD
39	XR
40	YU



CONSTANT CURRENT: 60mA, 22.4V(REF.)  
BACKLIGHT DRIVER CIRCUIT DIAGRAM

ITEM	PARAMETERS	ITEM	PARAMETERS	RoHS COMPLIANT	YES
LCD SIZE	7.0 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-B OR 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										DRAWN BY Zhixing, Xu		UNLESS OTHERWISE SPECIFIED:		POLYTRONIX, INC.		805 ALPHA DRIVE	
REV	ECO NO	DESCRIPTION	DWN	DATE	CHKD	DATE	APVD	DATE	APVD	DATE	DATE: May/18/2016	1) ALL DIMENSIONS ARE IN MM. 2) TOLERANCE		RICHARDSON, TX 75081		972.238.7045	
A		Initial		May/18/2016							CHECKED BY	.XXX ±.127	CUSTOMER ID NUMBER:		SHEET 1 OF 1		
											DATE:	.XX ±.254	THIRD ANGLE PROJECTION		TITLE:		
											APPROVED BY	ANGLES ±0.5°	DRAWING SCALE:		NONE		
											DATE:		DO NOT SCALE DRAWING		CAGE CODE NO. 2Y126		
											APPROVED BY		POLYTRONIX PART NUMBER:		PT-70WV-NN-03		
											DATE:		REV.:		A		