



CONSTANT CURRENT:160mA,9.6V(REF.)  
BACKLIGHT DRIVER CIRCUIT DIAGRAM

Pin No.	Symbol	Pin No.	Symbol
1	V LED+	26	G1
2	V LED+	27	G0
3	V LED-	28	R7
4	V LED-	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	V GH
17	B2	42	V GL
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	XXXX		
POWER SUPPLY INPUT VOLTAGE	3.3V(VDD)	BACKLIGHT	EDGE,WHITE		
I/O LOGIC VOLTAGE	XXXX	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: Dec./15/2015	1) ALL DIMENSIONS ARE IN MM. 2) TOLERANCE		RICHARDSON, TX 75081		972.238.7045	
A		Initial		Dec./15/2015							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:		DRAWING SCALE:		DO NOT SCALE DRAWING		
											APPROVED BY		DRAWING SCALE:		NONE		
											DATE:		DRAWING SCALE:		DO NOT SCALE DRAWING		
													CAGE CODE NO.	POLYTRONIX PART NUMBER:	REV.:		
													2Y126	PT-70WV-RN-02	A		