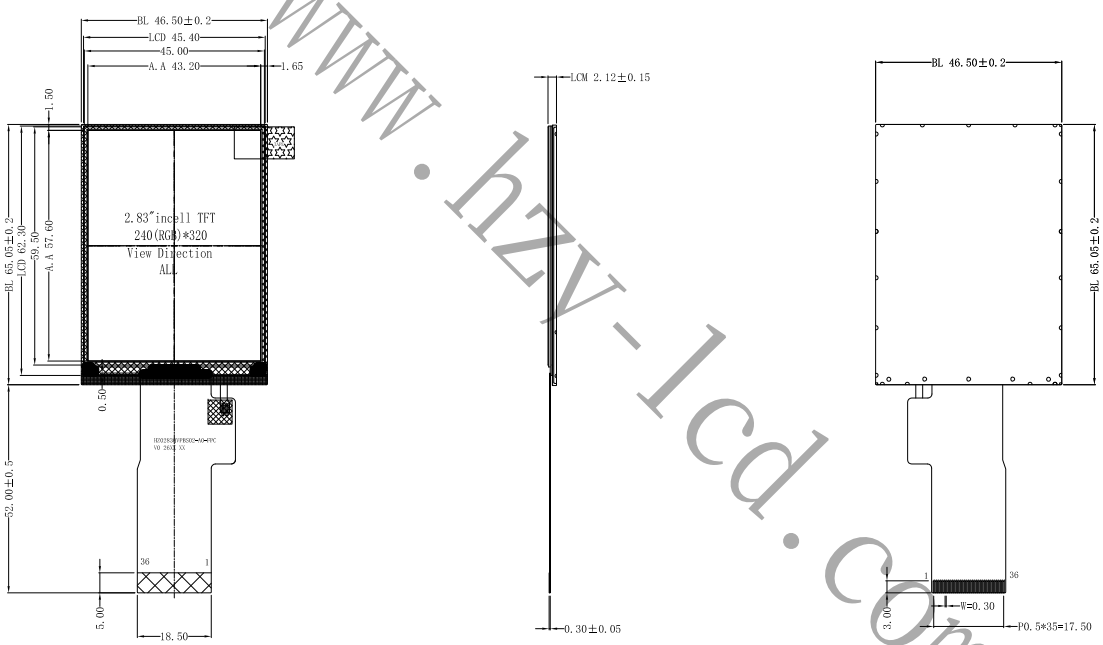
ROSH

Reversion	Dispcription	Date	Signed
V0	First	2026.03.24	Penlz



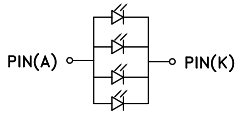
FPC展开出货

PIN CONNECTION

	PIN	NAME	PIN	NAME
	1	LEDA	1	LEDA
	2	LEDK	2	LEDK
	3	TP_SPI_SDA	3	NC
	4	TP_RST	4	NC
TP_L_IM	5	TP_L_IM	5	TP_L_IM
IM_L0	6	IOVCC	6	GND
IM_L2	7	GND	7	IOVCC
	8	CSX	8	CSX
SCL/WRX	9	SCL	9	WRX
	10	GND	10	GND
	11	VDD	11	VDD
	12	IOVCC	12	IOVCC
	13	LCD_RST	13	LCD_RST
	14	DCX	14	DCX
SDA/RDX	15	SDA	15	RDX
	16	TP_SDA/CSX	16	NC
	17	TP_SCL	17	NC
	18	TP_SPI_SDO	18	NC
	19	TP_INT	19	NC
	20	GND	20	DB0
	21	GND	21	DB1
	22	GND	22	DB2
	23	GND	23	DB3
	24	GND	24	DB4
	25	GND	25	DB5
	26	GND	26	DB6
	27	GND	27	DB7
TP_R_IM	28	TP_R_IM	28	TP_R_IM
	29	NC	29	TP_INT
	30	NC	30	TP_SPI_SDO
	31	NC	31	TP_SPI_SDA
	32	NC	32	TP_SCL
	33	NC	33	TP_SDA/CSX
	34	NC	34	TP_RST
	35	NC	35	NC
	36	GND	36	GND

4-SPI MCU-8bit

NOTES:
1. DISPLAY TYPE:2.83″ incell TFT,TRANSMISSIVE
2. DRIVER IC:SC919 or compatible
3. VIEWING DIRECTION: ALL O'CLOCK
4. BACKLIGHT: 4 pcs White LED
5. BRIGHTNESS: LCM 600cd/m2(TYP)
6. BRIGHTNESS: CG+LCM -cd/m2(TYP)
7. INPUT CURRENT: VCC 2.8V(TYP)
8. OPERATING TEMP: -20° C~ +70° C
9. STORAGE TEMP: -30° C~ +80° C
10. UNDEFINED DIMENSION TOLERANCE: ±0.2mm
11. RoHS COMPLIABLY



VF=6.0V(TYP);IF=80mA
LED CIRCUIT DIAGRAM

深圳市华之洋光电科技有限公司
SHENZHEN HZY PHOTOELECTRIC TECHNOLOGY CO., LTD

Custumer Ref.	Model No.		Drawing Title	HZ0283QVPBS02-A0			
---	Approve		Material	Unmarked Tolerance	Unit	Scale	Page
Part No.	Checked		LCM	±0.2	mm	--	1 of 1
---	Draw	Penglz	Date	2026.03.24	Rev V0		
Drawing No.							
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