



TFT PIN

1	NC	11	VSYNC	21	R2	31	B4
2	NC	12	HSYNC	22	R1	32	B3
3	NC	13	PCLK	23	R0	33	B2
4	NC	14	DE	24	G5	34	B1
5	GND	15	DCX	25	G4	35	B0
6	VCC	16	SCL	26	G3	36	RESX
7	IM1	17	CSX	27	G2	37	VCC
8	NC	18	R5	28	G1	38	GND
9	SDA	19	R4	29	G0	39	LEDK
10	SDO	20	R3	30	B5	40	LEDA

1	Operating Voltage:	$V_{CC} = 3.3V(\text{typ.})$
2	Resolution:	320RGB*480
3	Color:	262k
4	Interface:	RGB
5	Display type:	Transmissive
6	Viewing Direction:	ALL
7	Operating Temp:	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
8	Storage Temp:	$-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
9	Driver IC:	ST7796S
10	Surface Luminance:	$320\text{cd}/\text{m}^2(\text{typ.})$
11	Unspecified tolerance:	± 0.2