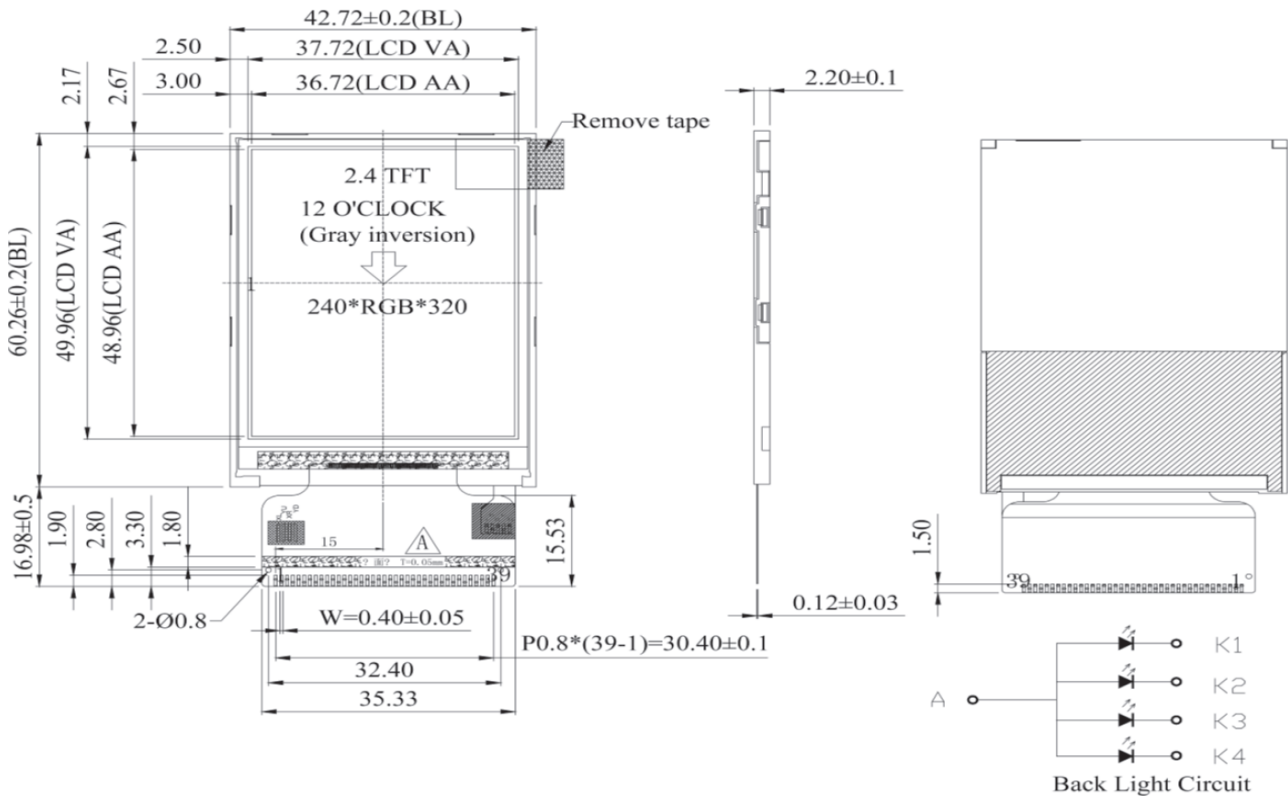


MSF24F

TFT Graphic 240x320



Feature

1. 2.4 inches Color TFT
2. Dot Matri: 240xRGBx320
3. View Direction: 6 o'clock
4. Gray Scale Inversion Direction : 12 o'clock
5. 3.3V(Max) power supply of VCC/VCCIO
6. Interface : 16/8-bit (8080)

Pin No	Symbol	function
1	GND	Ground
2-6	NC	No connect
7	VCC	power supply(TYP:2.8V).
8	IOVCC	power supply(TYP:1.8V/2.8V).
9	FMARK	Synchronies MCU to frame rate
10	CS	Chip select signal.
11	RS	register select
12	WR	Write data when WRX is Low.
13	RD	Read strobe signal. Read out data when RDX is Low.
14-29	DB0-DB15	Dara bus
30	RESET	System reset pin.
31	IM0	Data interface select
32	NC	No connect
33	GND	Ground
34-37	LEDK1-4	Cathode of LED backlight.
38	LEDA	Anode of LED backlight.
39	GND	Ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	42.72 x 60.26	mm
Viewing Area	37.72 x 49.96	mm
Active Area	36.72 x 48.96	mm
Dot Pitch	0.051 x 0.153	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage For Analog	VCC	2.5	---	3.3	V
Supply Voltage For Logic	VCCIO	1.65	---	3.3	V
Supply Current	ICC	---	8	---	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	LEDA	2.8	3.2	3.4	V
LED Current	ILED	---	80	---	mA

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