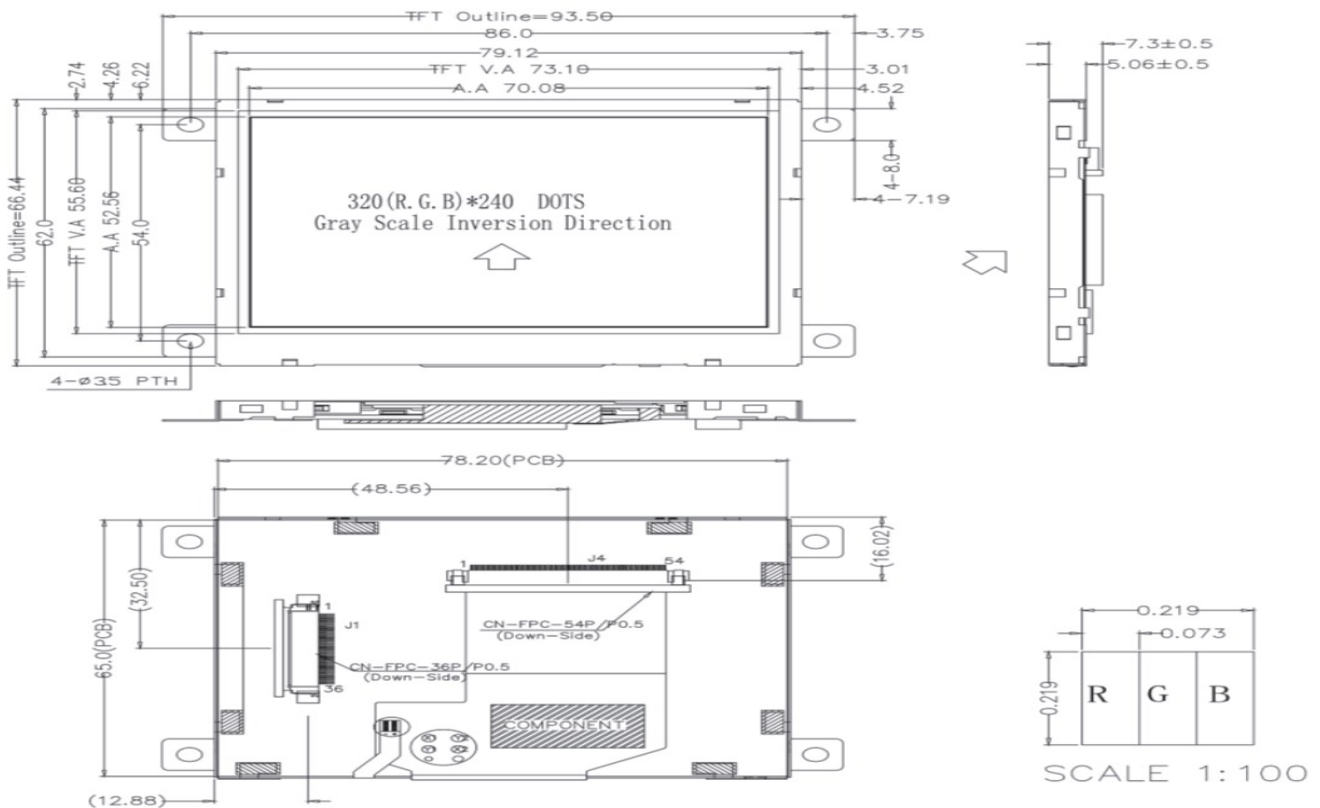


MSF35Q

TFT Graphic 320x240



Feature

1. 3.5 inches Color TFT
2. Dot Matrix: 320xRGBx240
3. View Direction: 12 o'clock
4. Gray Scale Inversion Direction: 6 o'clock
5. 3.3V power supply of VDD
6. Option RTP/CTP
7. Controller IC : SSD1963
8. LED Driver system build in
9. Interface : 8/16 Bits (8080/6800)

Pin No	Symbol	function
1	GND	System ground pin of the IC.
2	VDD	Power Supply : +3.3V
3	BL_E	Backlight control signal , H: On \ L: Off
4	D/C	Data/Command select
5	WR	Write strobe signal
6	RD	Read strobe signal
7~14	DB0~7	Data bus
15~22	DB8~15	Data bus (When select 8bits Mode, this pin is NC)
23~24	NC	No connect
25	CS	Chip select
26	RESET	Hardware reset
27~32	NC	No connect
33~34	VLED-	Power for LED Driver IC(GND)
35~36	VLED+	Power for LED Driver IC(+3.3V)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.5 x 66.44	mm
Viewing Area	73.10 x 55.60	mm
Active Area	70.08 x 52.56	mm
Dot Pitch	0.073 x 0.219	mm

Electrical Characteristics (Operating conditions)

Item	Symbol	Min	Typ	Max	Unit
Supply Voltage	VDD	3	3.1	3.6	V
Supply Current	IDD	---	200	300	mA

Electrical Characteristics (B/L driving conditions)

Parameter	Symbol	Min	Typ	Max	Unit
LED Voltage	VLED+	3.3	---	5	V
LED Current	IVLED (VLED=3.3V)	150	---	225	mA

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