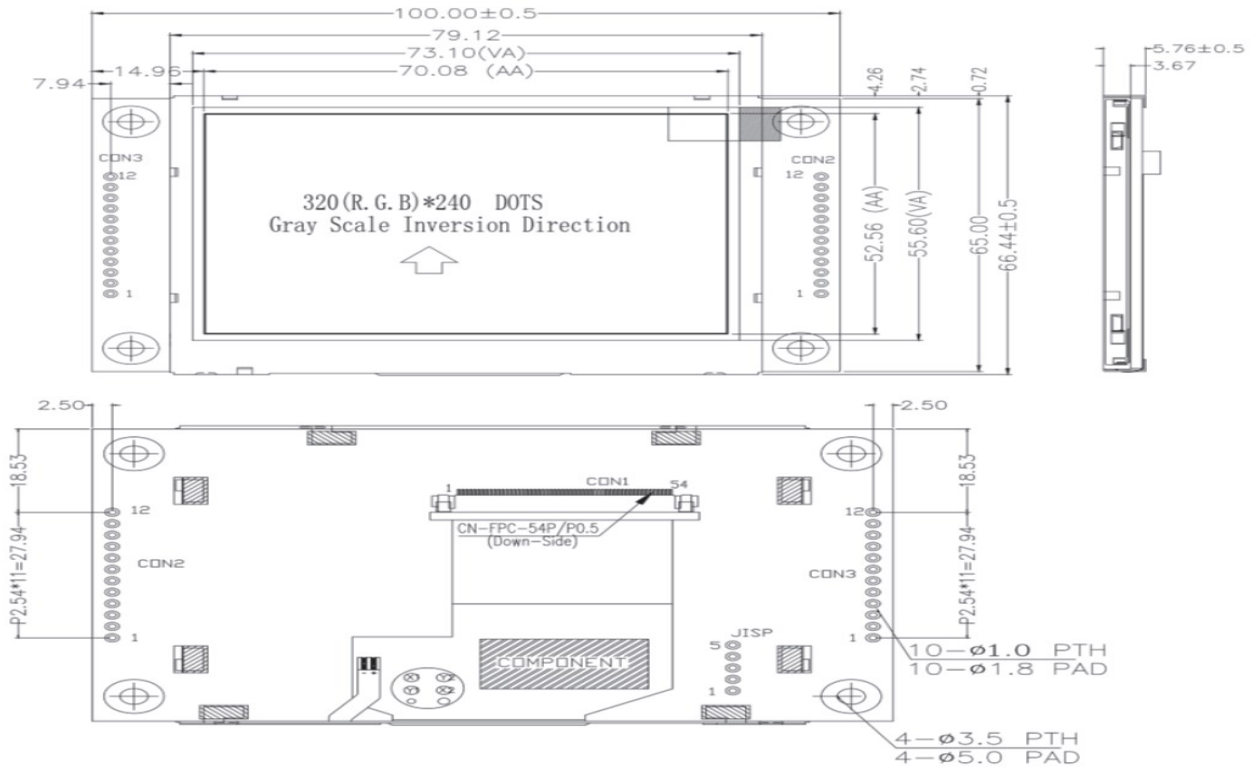


MSF35M

TFT Graphic 320x240



Feature

- 3.5 inches Color TFT
- Dot Matrix: 320xRGBx240
- View Direction: 12 o'clock
- Gray Scale Inversion Direction: 6 o'clock
- 5V power supply of VBUS
- Option RTP
- Controller IC : PIC24 Series
- LED Driver system build in
- Interface : RS232 19200 Baud rate/SPI

CON 2

Pin No	Symbol	function
1	GND	Power Ground
2	TX	RS232 Transmit pin
3	RX	RS232 Receive pin
4	VBUS	Power supply : 5V
5	D+	USB Data +
6	D-	USB Data -
7	GND	Power Ground
8	/REST	Reset (active Low)
9	GND	Power Ground
10	PWM	Pulse width modulation
11	GND	Power Ground
12	VBUS	Power supply : 5V

CON 3

Pin No	Symbol	function
1	GND	Power Ground
2-5	SW1-4	Switch (active low)
6	GND	Power Ground
7	SDI	Serial Data Input
8	SDO	Serial Data Output
9	SCK	Serial Clock
10	SCS	Serial Chip selection
11	SPI_INT	Serial Interrupt
12	VBUS	Power supply : 5V

Mechanical Data

Item	Standard Value	Unit
Module Dimension	100 x 66.4	mm
Viewing Area	73.1 x 55.5	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	VBUS	4.5	5	5.5	V
Supply Current	IBUS	---	160	240	mA

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