



New Products Introduction

-Apr. 23rd, 2020-

2.13inch Mono TFT | Reflective Type | Ultra-low Power Consumption | Sunlight Readable

P/N	MI0213AT-1	Size (inch)	2.13
Display Mode	Reflective TFT	Viewing Direction	Free
Resolution	122 x 250	Display Color	Mono
A.A. (mm)	23.668 x 48.50	Outline Size (mm)	27.068 x 56.20 x 1.05
Contrast (Cr)	14	Reflectance (%)	10
Operating Temp.	-20°C ~ 70°C	Storage Temp.	-30°C ~ 80°C
Interface	4-wire SPI	Driver IC	ST7302



2.13" TFT
122*250 DOTS

NOTES:
1. DISPLAY TYPE: MONO TFT, REFLECTIVE, NORMALLY WHITE.
2. OPERATING VOLTAGE: VDDI=2.6V.
3. VIEWING DIRECTION: FULL VIEWING ANGLE.
4. IC DRIVER: ST7302.
5. OPERATING TEMP.: -20°C ~ 70°C.
6. STORAGE TEMP.: -30°C ~ 80°C.
7. TOP POLARIZER SURFACE TREATMENT: GLARE.
8. GENERAL TOLERANCE: ±0.2MM.
9. ROHS COMPLIANT.

PIN DESCRIPTION	
PIN	SYMBOL
1	CD2P
2	CD2N
3	NC
4	VGL
5	VGH
6	CD1P
7	CD1N
8	NC
9	NC
10	RSTB
11	AO
12	CSB
13	SCL
14	SDA
15	VDDI
16	VDDI
17	GND
18	VCCI/VCCO
19	VMREF
20	VSH
21	VCOMH
22	VSL
23	AVDD
24	NC(VCOM)

MULTI-INNO TECHNOLOGY CO.,LTD.

DRAWN BY: CAROL 2019.08.06 SCALE: 1/1 MODULE P/N: MI0213AT-1

CHECKED BY: APPROVED BY: UNIT: mm DESCRIPTION: TFT MODULE

VER: REVISED DESCRIPTION REVISER: DATE VERSION NO: 01 SHEET NO: 1/1

4.2inch R/B/W TFT | Reflective Type | Ultra-low Power Consumption | Sunlight Readable

P/N	MI0420ET-1	Size (inch)	4.20
Display Mode	Reflective TFT	Viewing Direction	Free
Resolution	300 x 400	Display Color	Three colors (Black, White, Dark Red)
A.A. (mm)	63.60 x 84.80	Outline Size (mm)	67.60 x 91.00 x 1.05
Contrast (Cr)	15	Reflectance (%)	20
Operating Temp.	-20°C ~ 70°C	Storage Temp.	-30°C ~ 80°C
Interface	4-wire SPI	Driver IC	ST7301



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4.2" TFT
300*400 DOTS
FULL VIEWING ANGLE

NOTES:
1. DISPLAY TYPE: R/B/W TFT, REFLECTIVE, NORMALLY WHITE.
2. OPERATING VOLTAGE: VDD=2.6V.
3. VIEWING DIRECTION: FULL VIEWING ANGLE.
4. IC DRIVER: ST7301.
5. OPERATING TEMP.: -20°C ~ 70°C.
6. STORAGE TEMP.: -30°C ~ 80°C.
7. TOP POLARIZER SURFACE TREATMENT: TBD.
8. GENERAL TOLERANCE: ±0.2MM.
9. ROHS COMPLIANT.

PIN DESCRIPTION	
PIN	SYMBOL
1	CD2P
2	CD2N
3	NC
4	VGL
5	VGH
6	CD1P
7	CD1N
8	NC
9	NC
10	RSTB
11	AO
12	CSB
13	SCL
14	SDA
15	VDD
16	VDD
17	GND
18	VCCI/VCCO
19	VMREF
20	VSH
21	VCOMH
22	VSL
23	AVDD
24	NC(VCOM)

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DRAWN BY: CAROL 2020.03.07 SCALE: 1/1 MODULE P/N: MI0420ET-1

CHECKED BY: APPROVED BY: UNIT: mm DESCRIPTION: TFT MODULE

VER: REVISED DESCRIPTION REVISER: DATE VERSION NO: 01 SHEET NO: 1/1