



## 2.83inch Family

### • TFT List

P/N	Size Inch	Resolution	A.A. (mm)	Outline Size (mm)	Contrast (Cr)	Brightness (nits)	Top. (°C)	Tstor. (°C)	Interface	Controller	TP (Selectable)	Viewing Direction
MI0283QT-9A-1	2.83	240xRGBx320	43.20x57.60	50.20x69.30x2.90	500	300	-20-70	-30-80	CPU,RGB,SPI	ILI9341V	• RTP • CTP	6:00
MI0283QT-13	2.83	240xRGBx320	43.20x57.60	50.20x69.30x2.90	500	300	-20-70	-30-80	CPU,RGB,SPI	ILI9341V	• RTP • CTP	6:00
MI0283QT-17	2.83	240xRGBx320	43.20x57.60	50.20x69.30x2.90	500	650	-20-70	-30-80	CPU,RGB,SPI	ILI9341V	• RTP • CTP	6:00
MI0283QT-23	2.83	240xRGBx320	43.20x57.60	50.20x69.30x2.90	500	650	-20-70	-30-80	CPU,RGB,SPI	ILI9341V	• CTP	6:00
MI0283AAT-4	2.83	240xRGBx320	43.20x57.60	50.50x69.70x2.60	800	500	-20-70	-30-80	CPU,RGB,SPI	ST7789V	• RTP • CTP	Free
MI0283ST (Transflective)	2.83	240xRGBx320	43.20x57.60	50.00x69.20x2.85	95	124	-20-70	-30-80	CPU,RGB,SPI	R61505W	• RTP • CTP	3:00

### • RTP List

P/N	Size (inch)	Outline size (mm)	VA area (mm)	AA area (mm)	Trans. %	Chattering time	Top. (°C)	Tstor. (°C)	Remark
MI0283QP	2.83"	49.50x68.60x1.20	44.80x59.20	44.20x58.60	80%	10ms	-20-70	-30-80	FPC for hot bar

### • CTP List

Controller	Size (inch)	Structure	Resolution	Outline size (mm)	VA area (mm)	AA area (mm)	Trans. %	Interface	FPC (selectable)	Color (selectable)
FT6236	2.83"	G+G	240x320	49.50x68.75x1.90	44.20x58.60	45.20x59.60	≥85%	IIC	• ZIF connector • Hot bar soldering	• Black
				65.00x80.00x1.70	44.20x58.60	45.20x59.60	≥85%	IIC	• ZIF connector • Hot bar soldering	• White • Black
				70.00x90.00x1.70	44.20x58.60	45.20x59.60	≥85%	IIC	• ZIF connector • Hot bar soldering	• White • Black
FT5446	2.83"	G+G	240x320	49.50x68.75x1.90	44.20x58.60	45.20x59.60	>85%	IIC	• ZIF connector • Hot bar soldering	• Black
				65.00x80.00x1.70	44.20x58.60	45.20x59.60	≥85%	IIC	• ZIF connector • Hot bar soldering	• White • Black
				70.00x90.00x1.70	44.20x58.60	45.20x59.60	≥85%	IIC	• ZIF connector • Hot bar soldering	• White • Black

### • Control Board List


P/N	Size (inch)	Resolution	Outline size (mm)	Top. (°C)	Tstor. (°C)	Controller	Interface	Remark
MI0283QT-CB	2.83"	240x320	50.20x69.30x1.00	-20-70	-30-80	FT801 for CTP FT800 for RTP	4-wire SPI	Intelligent Display Solutions: • Built-in LED inverter and FT8xx controller • Built-in touch controller • Fast development • Built-in graphic widgets • Product tested on massive scale • Standardized 20-pin connector for all sizes

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• Photo Show


**TFT**

MI0283QT-9A-1      MI0283QT-13      MI0283QT-23



**TP**

MI0283QP      MI0283CCP-C9      MI0283CCP-C10      MI0283CCP-C28/-29



**TFT**

MI0283QT-17      MI0283AAT-4      MI0283ST

