



Smart Graphic Module Plus

Sparkle your ideas

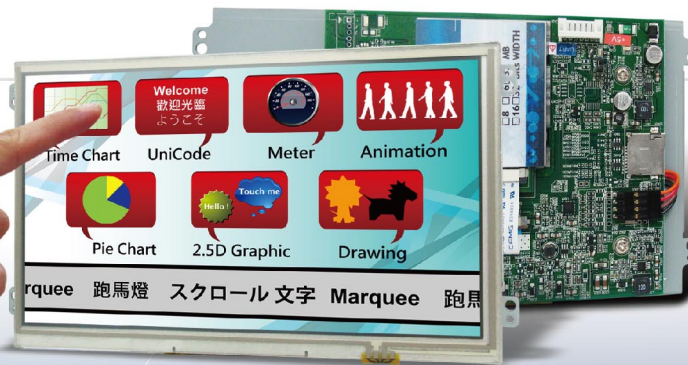
Optimize your MCU

Features

- ◆ Friendly Development Environment
- ◆ UNICODE / ASCII font (Multi-Language)
- ◆ Advanced Computer Graphics
- ◆ Versatile Image Configuration
- ◆ Easy Touch Effects
- ◆ Layers on GUI Design

Specification

- ◆ RAM Support 8MB or 16MB
- ◆ Flash Memory 128MB or 256MB
- ◆ PCAP / RTP Touch Support
- ◆ Serial Communication: UART/RS232



UART / RS232



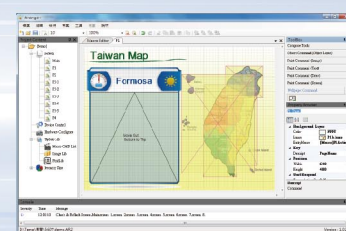
MCU



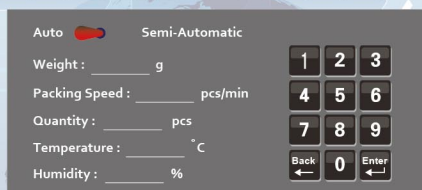
Advanced Graphics



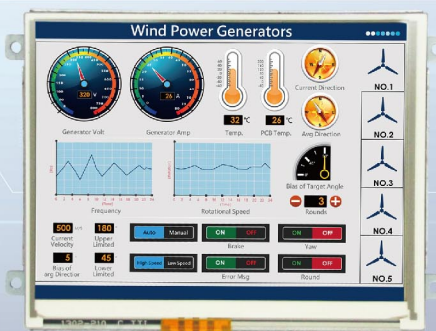
Versatile Icon Design



Friendly Tool



Easy Touch Effects



歡迎使用Graphic module Plus
Welcome to Use Graphic Module Plus
ようこそ Graphic Module Plus へ

UNICODE / ASCII Font



GUI Layers



Smart Graphic Module Plus

Size(Diagonal)	3.5"	4.3"	5.6"	
Model Name	FP035QIA14-00R	FP043YIA14-00R	FP056VIA04-00R	
Display Format (H×V)	320×240	480×272	640×480	Pixels
Aspect Ratio	4:3	16:9	4:3	
Brightness w/o TP	300	500	350	cd/m ²
Brightness (TP)	240	400	280	cd/m ²
View Angle	60 / 60 / 50 / 55	70 / 70 / 50 / 70	70 / 70 / 50 / 70	
Power Consumption (+5V)	1.1	1.45	2.5	Watts
Outline Dimensions	88.9 x 65.7 x 15	118.5 x 69 x 14.65	141.5 x 101.6 x 20.65	mm
RAM	8	8	16	MB
Flash Memory	128	128	256	MB
Weight	95	120	265.5	g
Operation Temp. w/o TP	-20~+70	-20~+60	-20~+60	°C
Operation Temp.(TP)	-20~+60	-20~+60	-20~+60	°C
Touch Screen Type	4W RTP	4W RTP	4W RTP	
SD Card Port	Micro SD	Micro SD	Micro SD	
Buzzer(Min)	80	80	80	dBA
Battery	Built-in (CR1220)	Built-in (CR1220)	Built-in (CR1220)	
LifeTime(Min)	10K	20K	20K	Hours
Backlight Type	LED	LED	LED	
Remark	-	-	-	

Size(Diagonal)	7"			10.4"	
Model Name	FP070WIA04-00R	FP070WIA0P-00R	FP070WIA0C-00R	FP104SIA24-00R	
Display Format (H×V)	800×480	800×480	800×480	800×600	Pixels
Aspect Ratio	16:9	16:9	16:9	4:3	
Brightness w/o TP	400	-	-	250	cd/m ²
Brightness (TP)	320	340	340	200	cd/m ²
View Angle	70 / 70 / 50 / 70	70 / 70 / 50 / 70	70 / 70 / 50 / 70	70 / 70 / 50 / 60	
Power Consumption (+5V)	3.15	3.15	3.15	3.8	Watts
Outline Dimensions	177.2 x 101.8 x 20.5	181 x 133.6 x 22.02	188.4 x 121 x 22.15	243.5 x 177.2 x 20	mm
RAM	16	16	16	16	MB
Flash Memory	256	256	256	256	MB
Weight	385	487	543	805	g
Operation Temp. w/o TP	-20~+70	-	-	-10~+50	°C
Operation Temp.(TP)	-10~+60	-15~+70	-15~+70	-10~+50	°C
Touch Screen Type	4W RTP	PCAP	PCAP	4W RTP	
SD Card Port	Micro SD	Micro SD	Micro SD	Micro SD	
Buzzer(Min)	80	80	80	80	dBA
Battery	Built-in (CR1220)	Built-in (CR1220)	Built-in (CR1220)	Built-in (CR1220)	
LifeTime(Min)	20K	20K	20K	20K	Hours
Backlight Type	LED	LED	LED	LED	
Remark	-	-	Frame Design	-	

A. Communication : UART(Tx/Rx) Speed Rate 115200 bps (max. 921600 bps) B. RTC : Date,Time,Alarm Clock C. Font : Support Unicode Font
D. Micro SD : For Update Internal Picture Library or Extend Picture Library E. Backlight Control : ON / OFF / Dimming

This technical specification is subject to change without notice.

