



μC-HMI

Enrich diversity of GUI design
Expedite development with MCU

Features

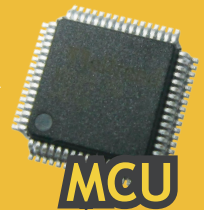
- ◆ Friendly Development Environment
- ◆ UNICODE
- ◆ Advanced Computer Graphics
- ◆ Versatile Image Configuration
- ◆ Widgets Such as Scroller, Line Chart, Tachometer, Keyboards and etc.
- ◆ Logic Operation Available
- ◆ Basic Icon Library

Specification

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

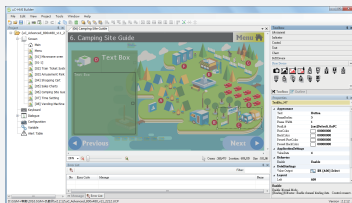


UART / RS232

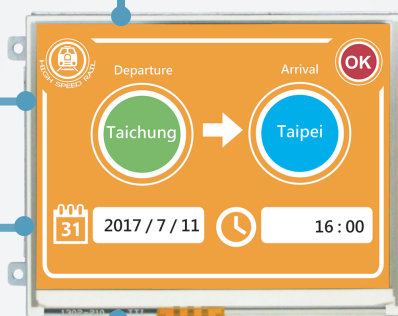


UNICODE

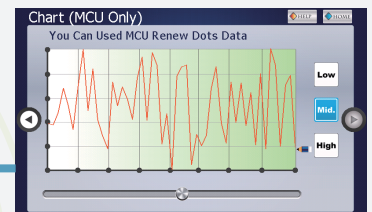
Friendly Tool



歡迎使用 Micro Controller-HMI
Welcome to Use Micro Controller-HMI
ようこそ Micro Controller-HMI へ



Line Chart / Scroller



Tachometer



Versatile Icon Design



Keyboard





Size(Diagonal)	3.5"	4.3"	5.6"	
Model Name	UC035QIA14-00R	UC043YIA14-00R	UC056VIA04-00R	
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	1.9	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	UC070WIA04-00R	UC070WIA0P-00R	UC070WIA0C-00R	UC104SIA24-00R	
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	-	-	350	cd/m ²
Brightness (TP)	320	340	340	280	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	4.4	Watts
Outline Dimensions	177.2 x 101.8 x 20.6	181 x 133.6 x 22.02	188.4 x 121 x 22.15	243.5 x 177.2 x 20.4	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.



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UC204502