

【Outline】



【Construction】

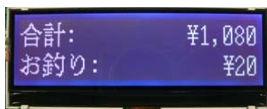
- Full Color TFT-LCD Panel
- Resistive Touch Panel
- Power supply for LCD drive
- Memory [Font & image]
- I/F[USB & RS-232C]
- Supply Voltage: 5V

【 Feature】

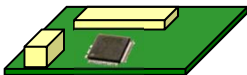
◆ Suitable for embedded use

- Generic Interfaces(USB/RS-232C)
- High-speed start(within 1 second)
- The OS non-deployment avoids the risk of viral infection
- Possible to control TFT-LCD in serial communication
- Possible to display with full color by using 8bit MCU
- Possible to control TFT-LCD by using system of controlling existing STN-LCD/VFD

Mono STN/VFD etc.



Customer's System



Full Color TFT-LCD

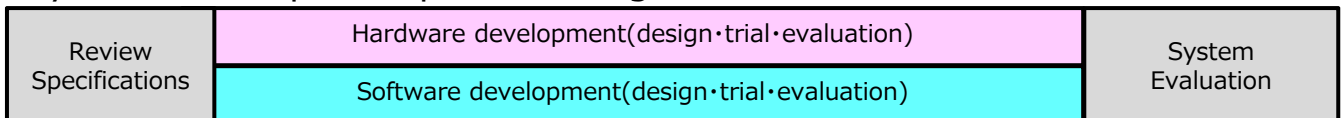


Switching from mono to full color is possible by using customer's existing System

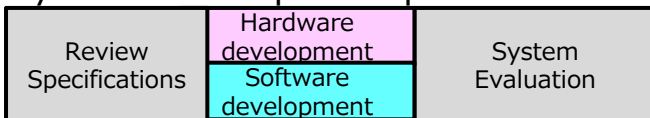
◆ Shorten system development period

- Easy command for TFT-LCD control reduces software development period and cost
- Built in TFT-LCD power supply circuit reduces hardware development period and cost

System development period of a general TFT-LCD module



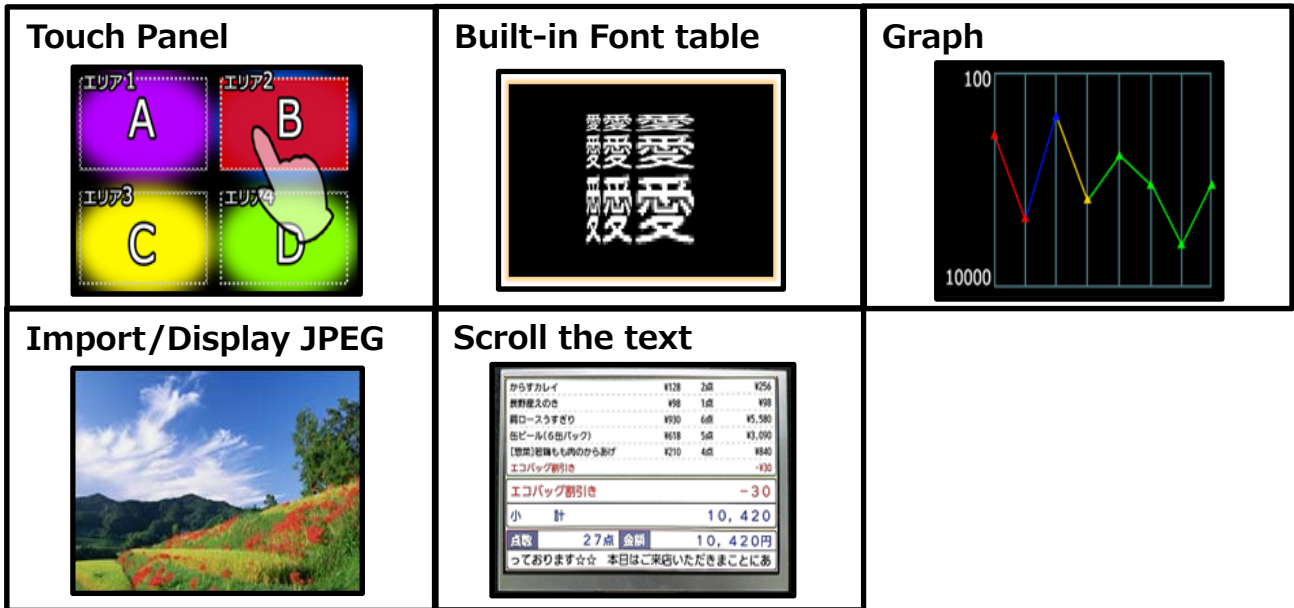
System development period of our command type LCD module



◆ Flexible custom development

We are glad to respond flexibly to the customer's request of Hardware, Software, Case etc.

◆ Easy control of various function by command



[Standard product list]

LCD	3.5 inch	4.3 inch	5.7 inch	7.0inch	10.1inch
Series	LC011B*	LC013B*	LC014B*	LC012B* AH151C*(Case W/)	LC010A*
Pixel	320xR/G/B x240	480xR/G/B x272	640xR/G/B x480	800xR/G/B 480	1280xR/G/B x800
Viewing Area [mm]	72.88x55.36	98.9x57.7	117.2x88.4	157.02x89.26	219.96x138.6
Active Area [mm]	70.08x52.56	95.04x53.86	115.2x86.4	154.08x85.92	216.96x135.6
Operating Temperature Range [°C]	-10°C~+60°C	-20°C~+70°C	-10°C~+60°C	-20°C~+70°C 0°C~+40°C(Case W/)	-10°C~+50°C
Luminance [cd/m ²]	320 (with TP) 400 (without TP)	740(with TP) 1000(without TP)	400(with TP) 500(without TP)	450(with TP) 550(without TP)	250(with TP) 330(without TP)
Outer Dimension [mm]	W92xH67 xT14.5	W120xH70 xT14.2	W148xH104 xT22.5	W150xH80xT8.1 W190xH122xT21.0 (Case W/)	W246xH151.2 xT16.4
Power Supply Voltage	DC5V/0.4A (Typ.)	DC5V/0.5A (Typ.)	DC5V/T.B.D (Typ.)	DC5V/0.7A (Typ.)	DC12V/0.5A (Typ.)
Interface	<ul style="list-style-type: none"> •USB2.0 Full speed (HID class) •RS-232C (115.2kbps Max) Selected from the lineup. 				
Touch Panel	Resistive touch panel (Option)				