



4. General Specisations

It is a color active matrix TFT (Thin Film Transistor) liquid crystal display (LCD) that uses the amorphous silicon TFT as a switching devices. This model is composed of a Transmissive type TFT-LCD Panel, a driver circuit and a back-light unit. The resolution of a 2.8 main LCD contains 240 x 320 pixels, and can display up to 262K colors and is suitable for cell phone application.

4.1 Features

- High image quality a-Si TFT LCD module.
- 65K/262K color number.
- 80-system 8 bit bus CPU I/F .
- High-speed RAM write function is available.
- Partial-screen display function is available.
- Sleep and Stand-by modes are available for power saving.
- High contrast, high brightness, Gamma adjustment.
- Low power consumption.

4.2 General Specisations

Item	Standard Value	Unit
Screen Size	2.8”(QVGA)	Inch
Dot Matrix	240(RGB)*320	-
Color Number	262K	-
Module Dimension	50.0(W)*69.2(H)*2.5(T)	mm
Active Area	43.2(W)*57.6(H)	mm
Pixel Pitch	0.18(W)*0.18(H)	mm
Color Arrangement	RGB-stripe	-
LCD Type	a-Si TFT, TRANSMISSIVE, Normally White	-
Viewing Direction	12 O’CLOCK	-
Backlight type	LED, WHITE	-
Assembly Type	COG	-
Controller IC	ILI9341 OR Equal	-
Weight	TBD	-



5.Mechanical Drawing and Interface

