

# A 19.0-inch LCD with the Image Quality of a CRT

## FLC48SXC8V-01

This is a large-screen, high-definition 19.0-inch LCD that uses MVA-Premium panel technology to achieve a high image quality equivalent to a CRT.

### Product Features

#### ■ High Image Quality

FUJITSU's entirely new, entirely original MVA-Premium panel technology has achieved a high image quality equivalent to a CRT.

- Wide viewing angle surpassing 170 degrees vertically and horizontally, and 160 degrees in all directions
- High contrast ratio of 500:1

- No color change
  - No inversion at gray scale
  - Tough structure against external pressure and mechanical vibration, and minimal unevenness in color
- Moreover, the color reproduction range has been enlarged to EBU\* 85%.

Photo 1 External View



Table 1 Specifications

Item		Performance
Display Method		Active Matrix (TFT)
LCD Panel	Display Size	Diagonal 48 cm (19.0 inch)
	Number of Pixels	1,280×RGB (H)×1,024 (V)
	Pixel Pitch	0.294 (H)×0.294 (V) mm
	Display Area	376.32 (H)×301.056 (V) mm
Optical Features	Number of Colors	16,777,216 Colors
	Contrast Ratio	500 : 1 (Typ.)
	Brightness	250cd/m <sup>2</sup> (Typ.)
	Viewing Angle	170 Degrees Vertical, 170 Degrees Horizontal, and 160 Degrees in All Directions (Symmetry)
	Response Time	25ms (τ <sub>r</sub> +τ <sub>d</sub> )
Electrical Features	Interface	LVDS
	Backlight	4 CCFLs, Sidelight
External Dimension		414 (W)×335 (H)×23 (D) mm
Weight		3,000g (Typ.)

### Large Screen

The 48 cm (19.0 inch) diagonal dimension is equivalent to a 21-inch dimension on a CRT display.

### High Definition, Full Color Display

Large capacity of 1,280×1,024 dots, high definition, and 16.77 million vivid colors.

### Long Life and Replaceable Backlight

The backlight has a long life of 50,000 hours, and CCFLs are easily replaceable.

## Configuration

Table 1 shows the specifications, Fig.1 the block configuration, and Fig.2 the external dimensions.

The interface uses LVDS dual input, and the unit is powered by a single+5V power supply. Configured with a flicker-less circuit to minimize flicker.

The unit is equipped with FUJITSU's special backlight inverter for standard products, which is located externally. Please contact us for more information. This product conforms to TCO'99 standard. ★

#### NOTES

\* EBU: European Broadcasting Union

Figure 1 Block Configuration

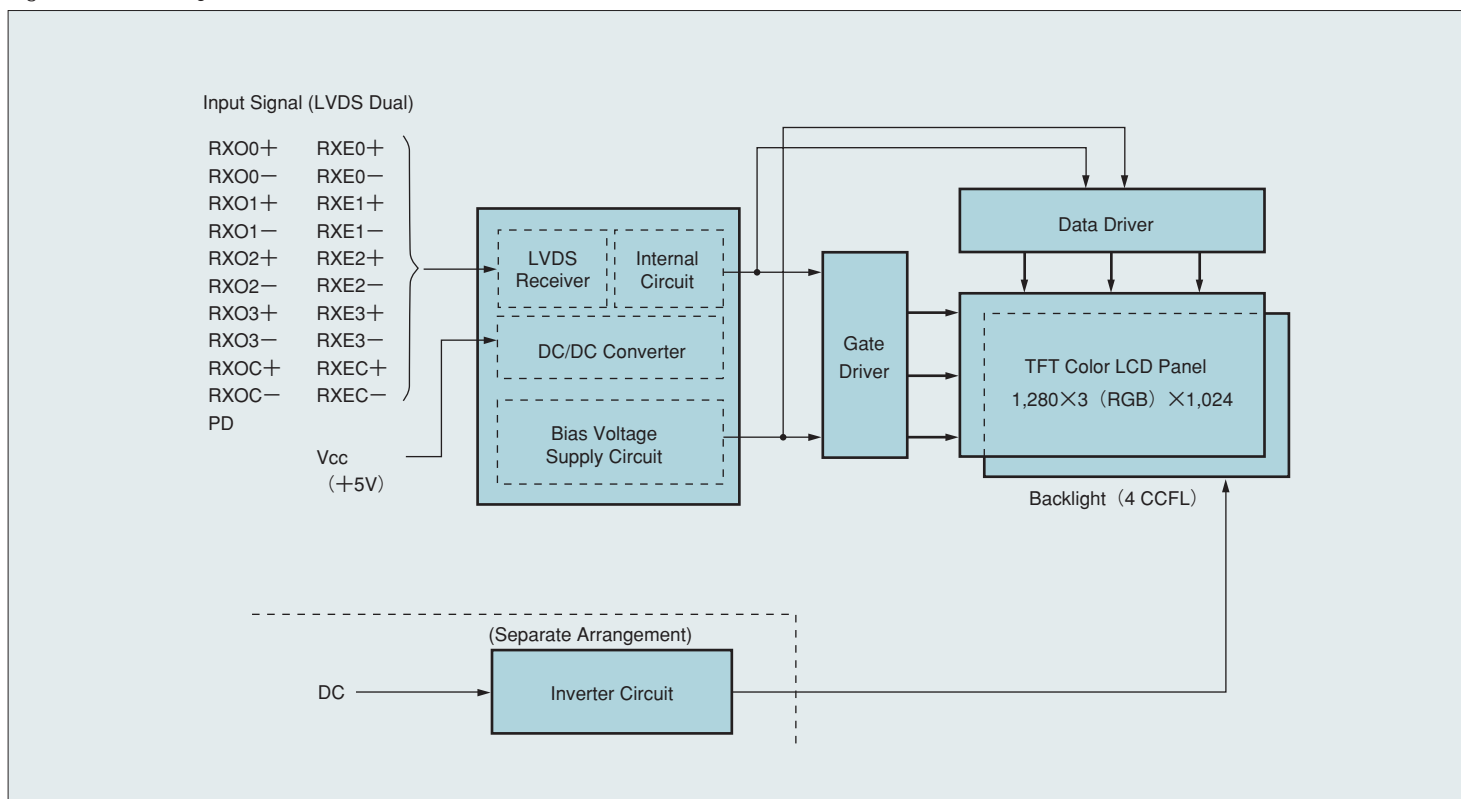


Figure 2 External Dimensions

