

2.3 cm (0.9-inch) 486K-dot LCD for SVGA Data Projector

LCX026AL

Description

The LCX026AL is an active matrix LCD addressed by polycrystalline silicon super thin film transistors with a built-in peripheral driving circuit. This black-and-white panel is 2.3 cm (0.9-inch) in size, which is suitable for portable data projector, and has 486K dots perfectly supporting SVGA display.

Features

- Supports 0.9-inch SVGA, and 17 % optical transmittance (dye polarizer is used) is realized.
- Light resistance structure to prevent light leak
- Cross talk free and ghost free are realized by newly developed high picture quality circuit.
- Supports system configuration for both analog and digital signals.

Applications

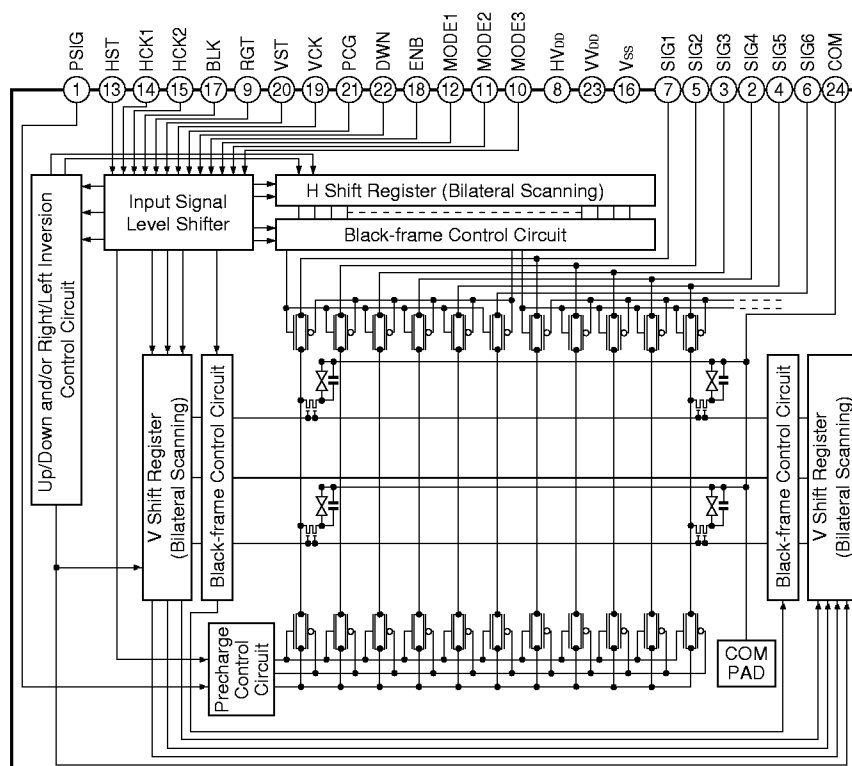
Ultra-small data projectors supporting up to SVGA. Simple display for XGA is also possible in combination with the CXD2464R (timing generator).

Recommended Operating Conditions

- Supply voltage V_{DD} 15.5 V
- Operating temperature T_{opr} -10 to +70 °C

Block Diagram

(24-pin)



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