



Universal 60 X 4 LCD Segment Driver for Multiplex Rates Up to 1-4

PCF85134HL

Last Updated: Dec 24, 2025

The PCF85134 is a peripheral device which interfaces to almost any Liquid Crystal Display (LCD) with low multiplex rates. It generates the drive signals for any static or multiplexed LCD containing up to four backplanes and up to 60 segments. It can be easily cascaded for larger LCD applications. The PCF85134 is compatible with most microcontrollers and communicates via the two-line bidirectional I²C-bus. Communication overheads are minimized by a display RAM with auto-incremented addressing, by hardware subaddressing, and by display memory switching (static and duplex drive modes).

Although there is a small difference in typical frequency frame and ESD test condition PCF85134 can be used as drop-in replacement to PCF8534 without any system circuit or firmware change.

