



# Automotive LCD Driver for Low Multiplex Rates

## PCA8576C

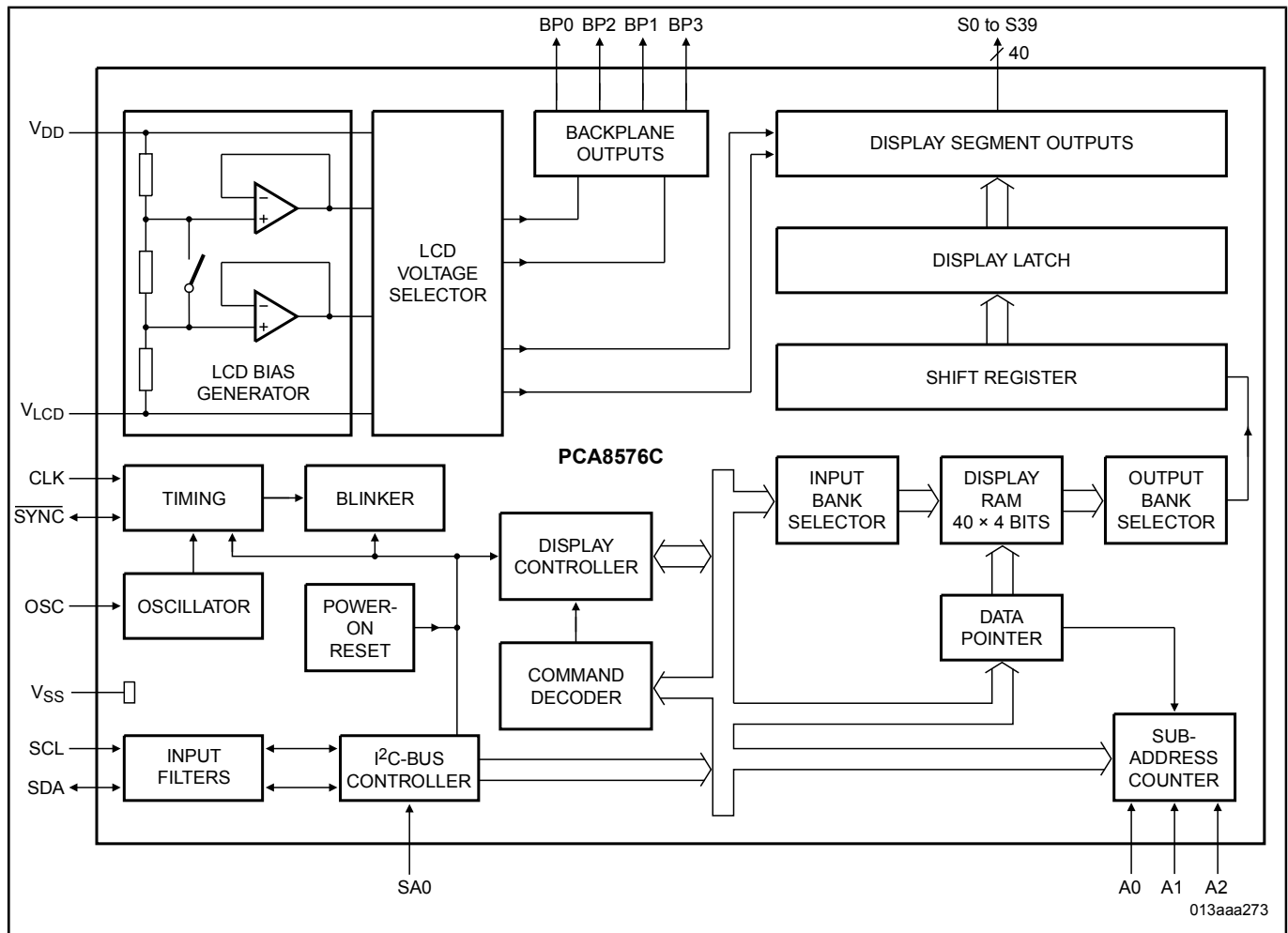
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The PCA8576C is a peripheral device which interfaces to almost any Liquid Crystal Display (LCD) with low multiplex rates. It generates the drive signals for any static or multiplexed LCD containing up to four backplanes and up to 40 segments and can easily be cascaded for larger LCD applications. The PCA8576C is compatible with most microprocessors or microcontrollers and communicates via a two-line bidirectional I<sup>2</sup>C-bus. Communication overheads are minimized by a display RAM with auto-incremented addressing and by hardware subaddressing.

## PCA8576C Block Diagram



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