



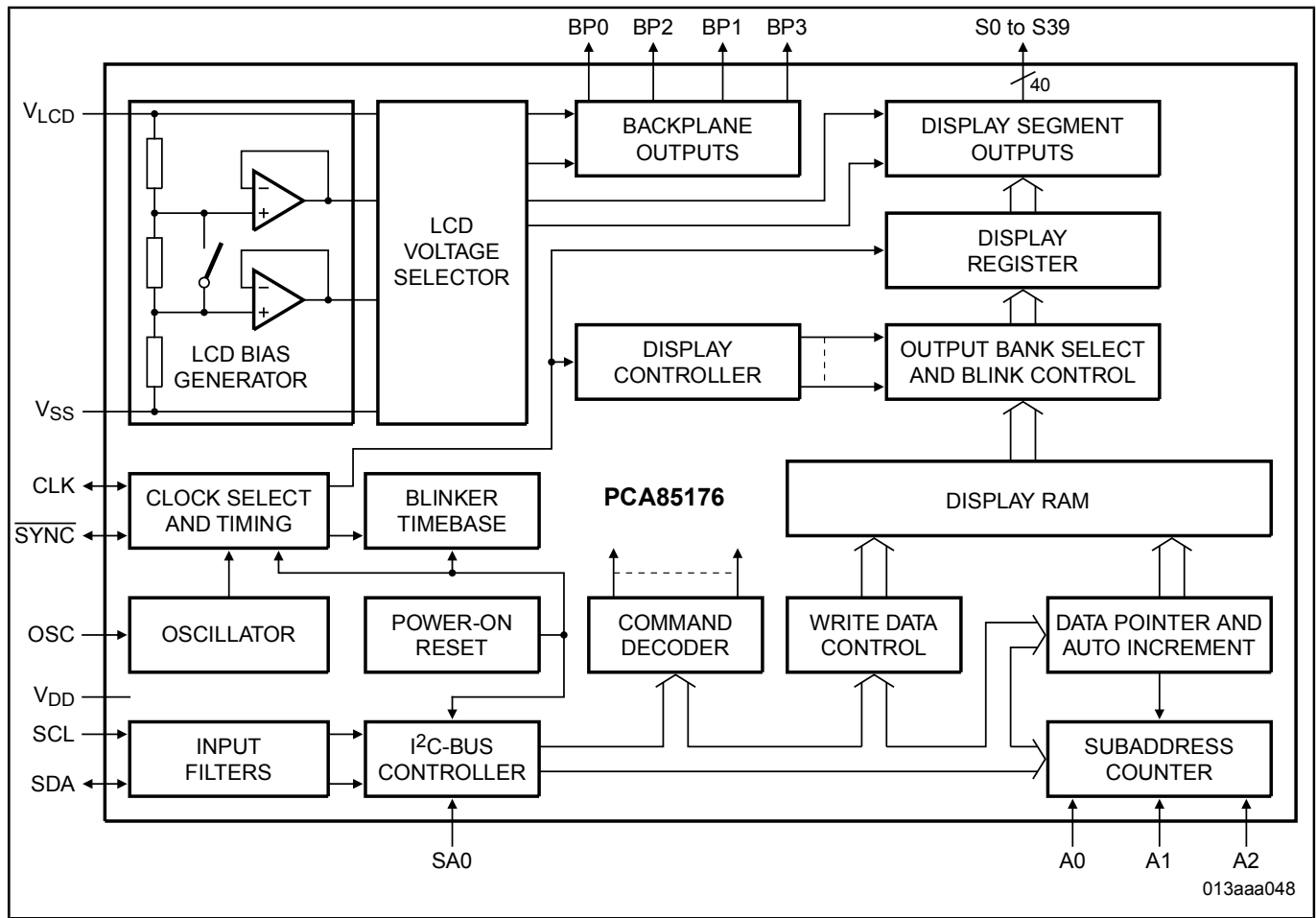
# 40 X 4 Automotive LCD Driver for Low Multiplex Rates

## PCA85176\_AUTOMOTIVE

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The PCA85176 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. It can be easily cascaded for larger LCD applications. The PCA85176 is compatible with most microcontrollers and communicates via the two-line bidirectional I<sup>2</sup>C-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).

## PCA85176-BD Block Diagram



View additional information for [40 X 4 Automotive LCD Driver for Low Multiplex Rates](#).

**Note:** The information on this document is subject to change without notice.

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