



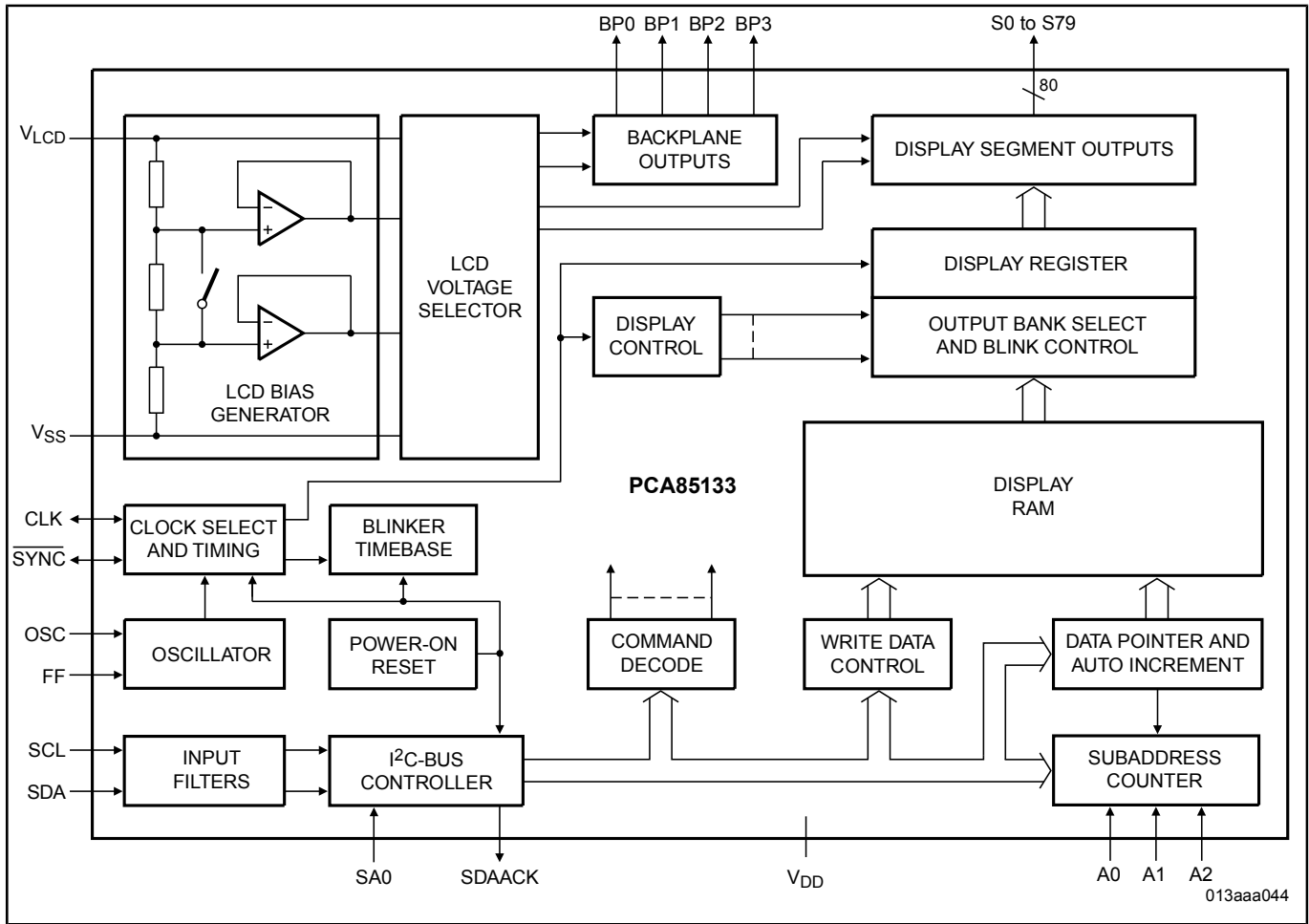
Automotive LCD Driver for Low Multiplex Rates

PCA85133U

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The PCA85133 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 80 segments and can easily be cascaded for larger LCD applications. The PCA85133 is compatible with most microcontrollers and communicates via the two-line bidirectional I²C-bus. Communication overheads are minimized by a display RAM with auto-incremental addressing, by hardware subaddressing, and by display memory switching (static and duplex drive modes).

PCA85133 BLOCK DIAGRAM Block Diagram



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