



# Universal LCD Driver for Low Multiplex Rates

## PCF8566

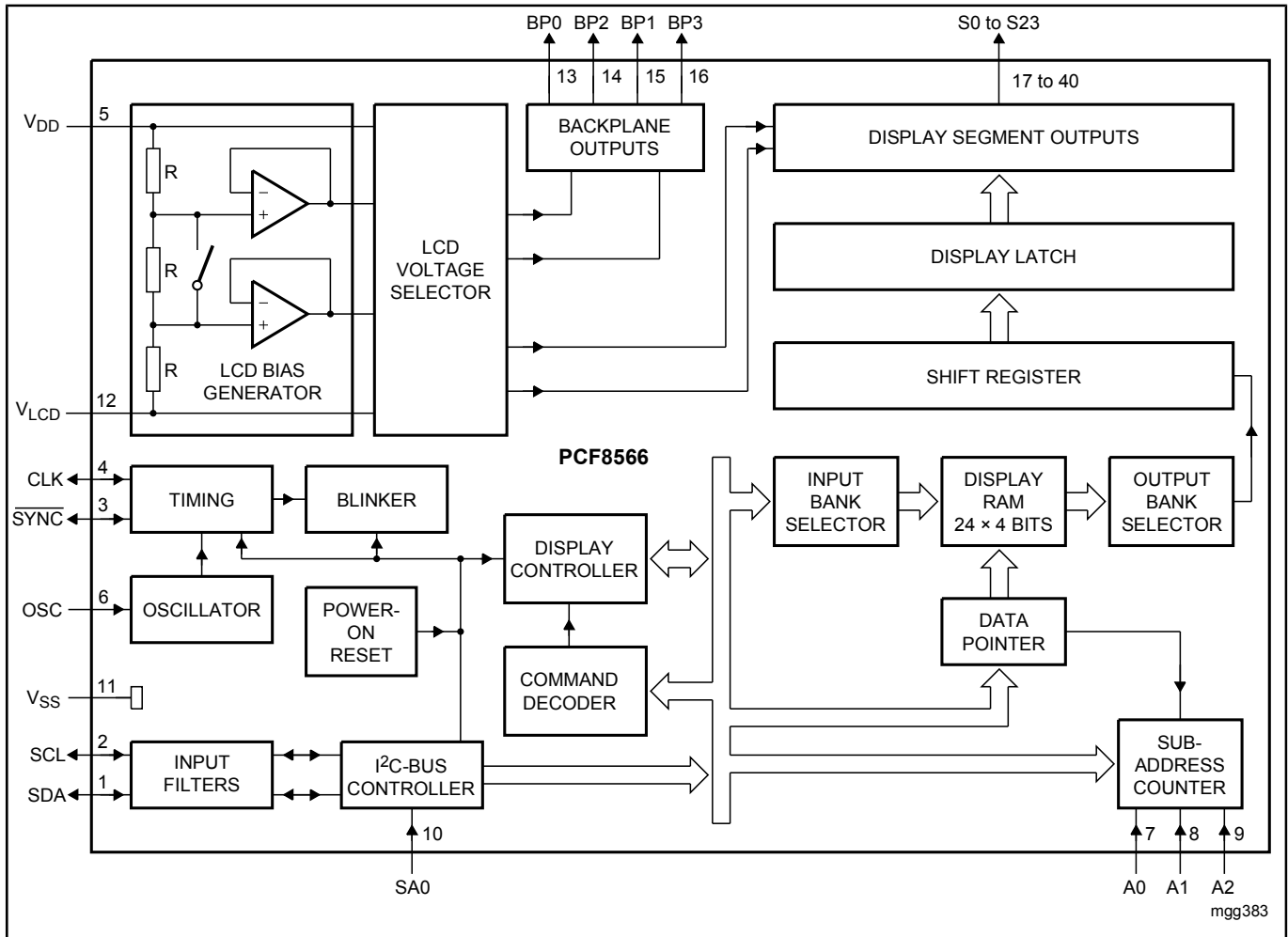
新規採用非推奨

このページでは、新規設計を推奨しない製品に関する情報を掲載しています。

Last Updated: Oct 13, 2023

The PCF8566 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 24 segments and can easily be cascaded for larger LCD applications. The PCF8566 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, by hardware subaddressing and by display memory switching (static and duplex drive modes).

# PCF8566 Block Diagram



View additional information for [Universal LCD Driver for Low Multiplex Rates](#).

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

[www.nxp.com](http://www.nxp.com)

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.