



# LCD Controllers/Drivers

## PCF2113X

### Archived

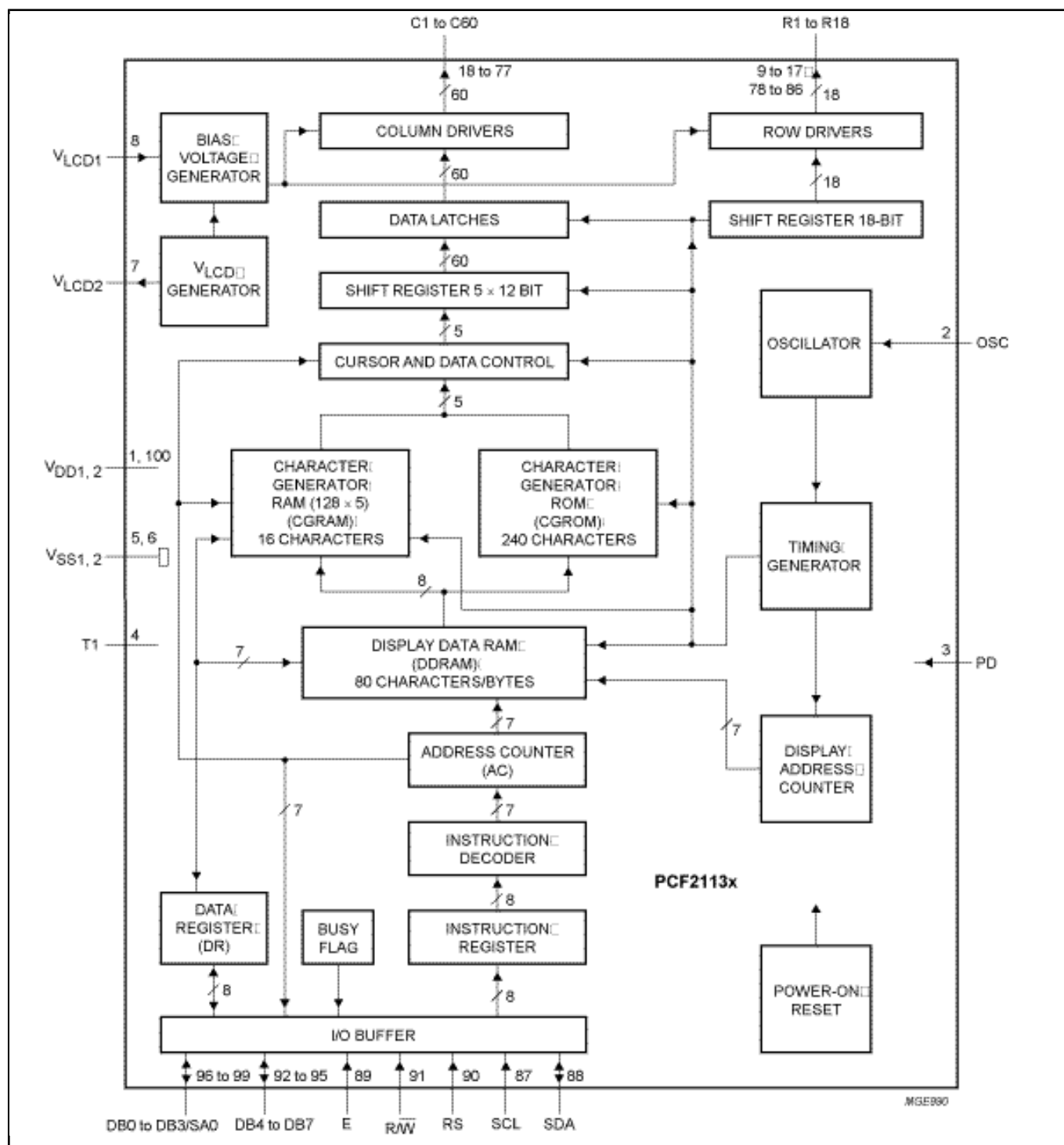
このページには、製造中止（生産終了）となった製品の情報が記載されています。本ページに記載されている仕様および情報は、過去の参考情報です。

Last Updated: Oct 14, 2024

The PCF2113x is a low-power CMOS LCD controller and driver, designed to drive a dot matrix LCD display of 2 lines of 12 characters or 1 line of 24 characters with 5 x 8 dot format. All necessary functions for the display are provided in a single chip, including on-chip generation of LCD bias voltages, resulting in a minimum of external components and lower system current consumption. The PCF2113x interfaces to most microcontrollers via a 4-bit or 8-bit bus or via the 2-wire I<sup>2</sup>C-bus. The chip contains a character generator and displays alphanumeric and kana (Japanese) characters.

The letter 'x' in PCF2113x characterizes the built-in character set. Various character sets can be manufactured on request.

## PCF2113AU, PCF2113DH, PCF2113DU, PCF2113EU, PCF2113WU Block Diagram



View additional information for [LCD Controllers/Drivers](#).

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. © 2025 NXP B.V.