



# Development Board for MC56F81xxx Digital Signal Controllers

## MC56F81000-EVK

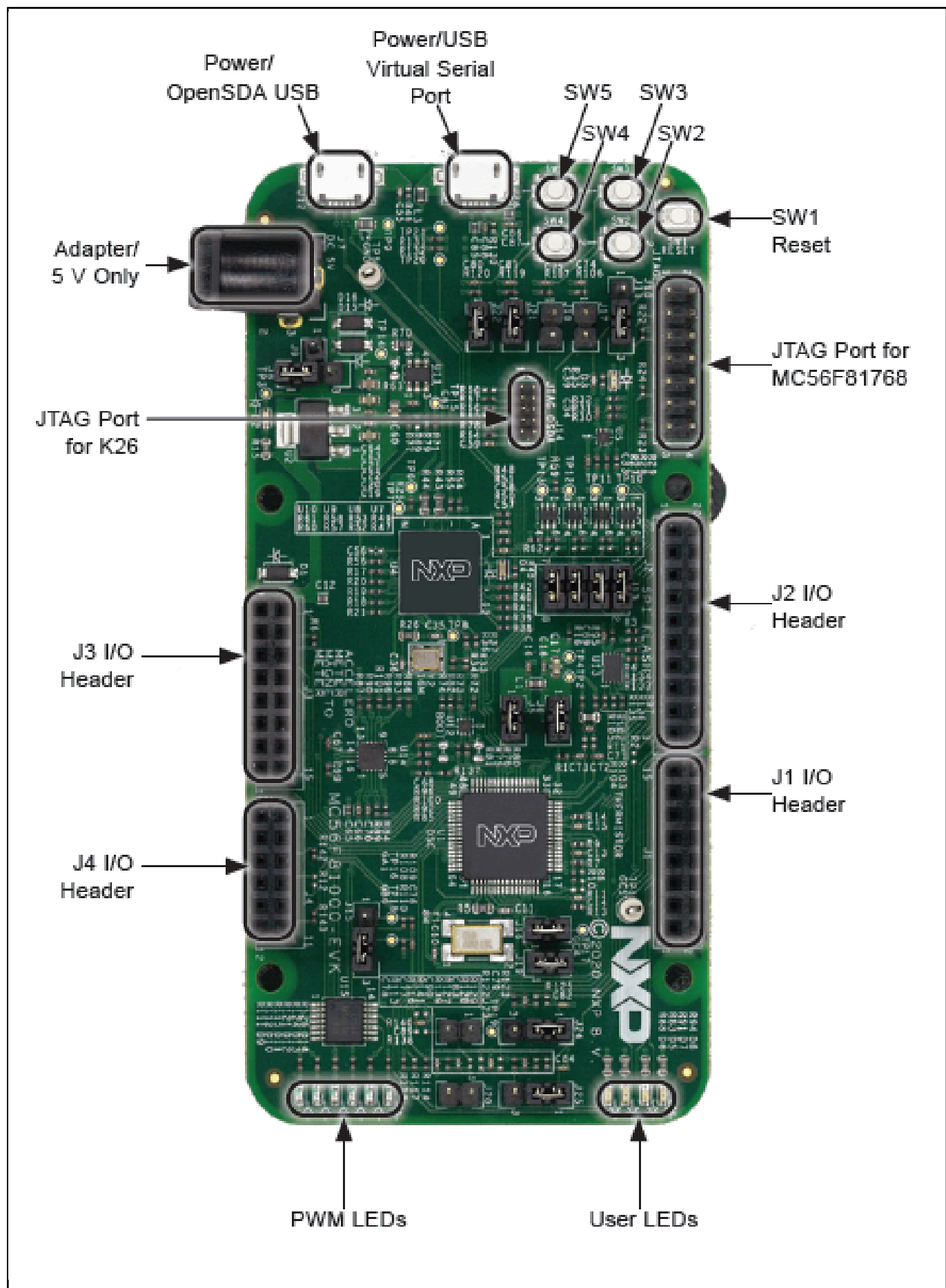
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The MC56F81000-EVK is an ultra-low-cost development platform for digital signal controller MC56F81xxx MCU.

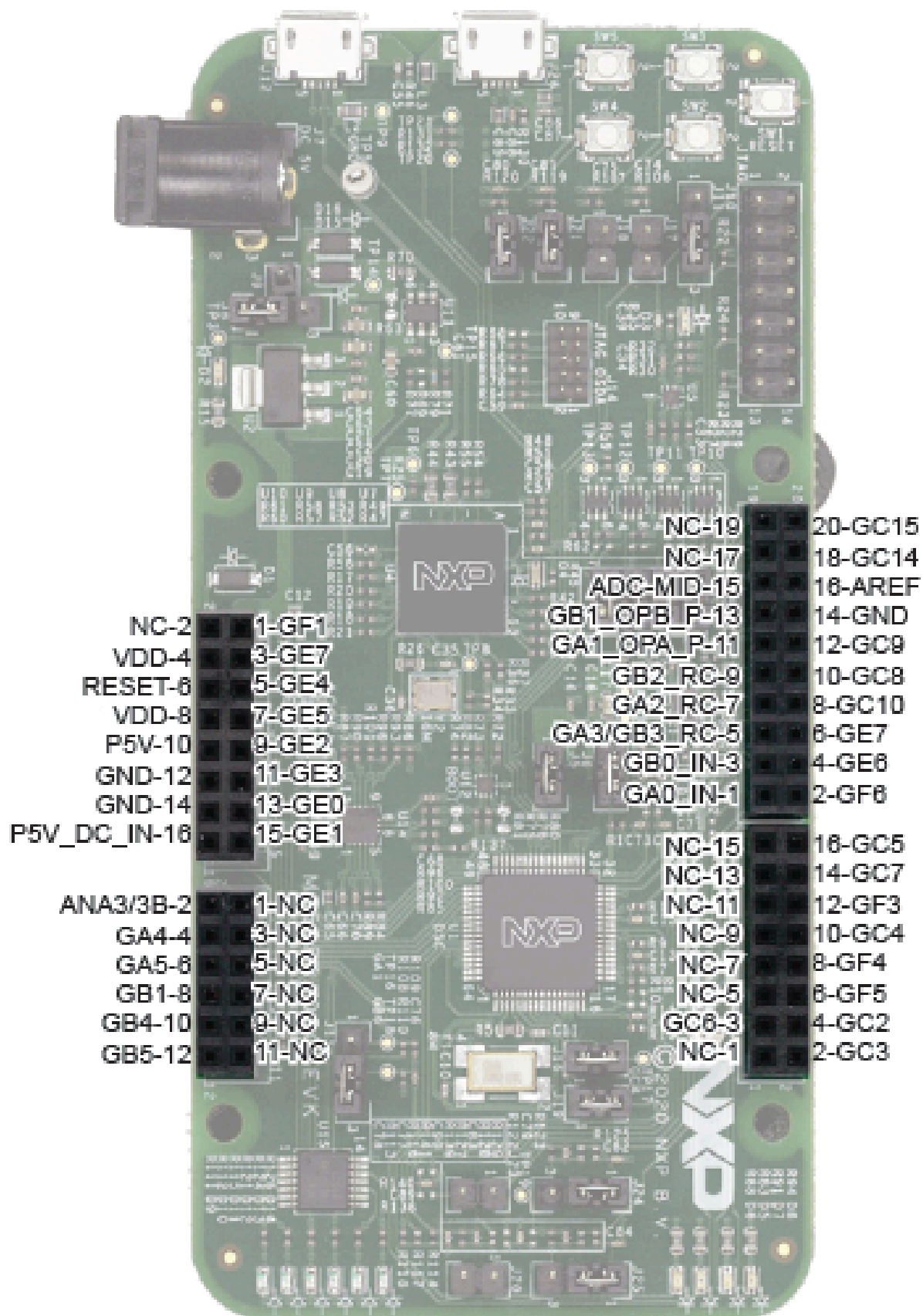
The kit is form-factor compatible with the Arduino™ R3 pin layout and features ROM bootloader supporting SCI and LPIIC. The MC56F81000-EVK features onboard OpenSDA circuit enabling debugging and programming with CodeWarrior.

Peripherals enable rapid prototyping, including a 6-axis digital accelerometer and magnetometer to create full eCompass capabilities, 6 buffered LEDs including PWM signals, 4 user LEDs, 4 user push\_buttons for direct interaction, two OPAMP external feedback circuits, an SPI interfaced Flash memory and a USB to UART bridge circuit.

## MC56F81000-EVK Call out Block Diagram



## MC56F81000-EVK Pin out Block Diagram



View additional information for [Development Board for MC56F81xxx Digital Signal Controllers](#).

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

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