



Development Board for MC56F83xxx Digital Signal Controllers

MC56F83000-EVK

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The MC56F83000-EVK is an ultra-low-cost development platform for digital signal controller MC56F83xxx MCU.

The kit is form-factor compatible with the Arduino™ R3 pin layout and features ROM bootloader supporting SCI, IIC and CAN.

Peripherals enable rapid prototyping, including a 6-axis digital accelerometer and magnetometer to create full eCompass capabilities, 6 buffered LEDs indicating PWM signals, 4 user LEDs, 4 user push-buttons for direct interaction, an SPI interfaced Flash memory, a high speed CAN transceiver circuit, a USBOTG connector and a USB to UART bridge circuit.

The MC56F83000-EVK features onboard OSBDM circuit enabling debugging and programming with CodeWarrior.

MC56F83000-EVK Call Out Block Diagram

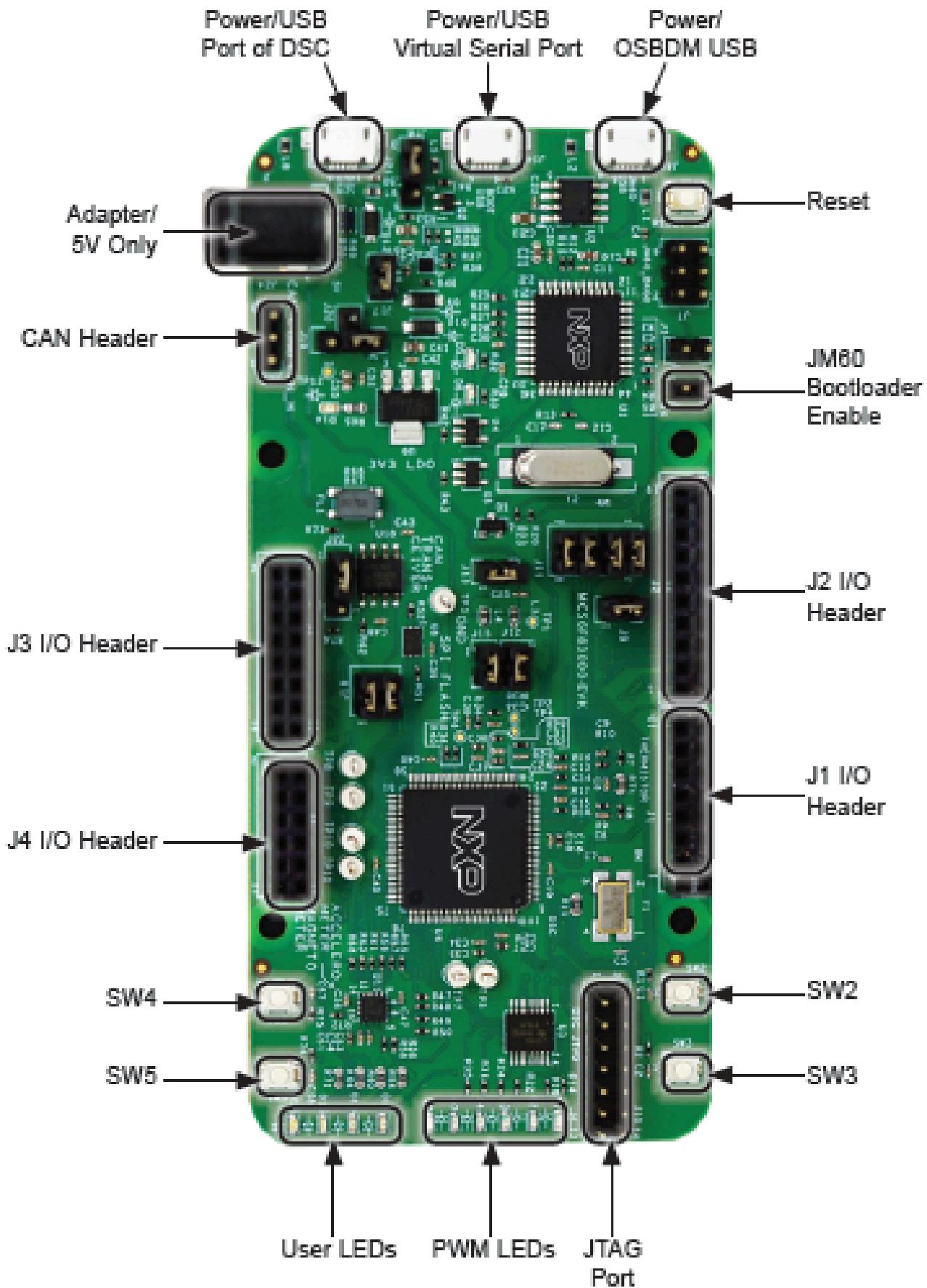
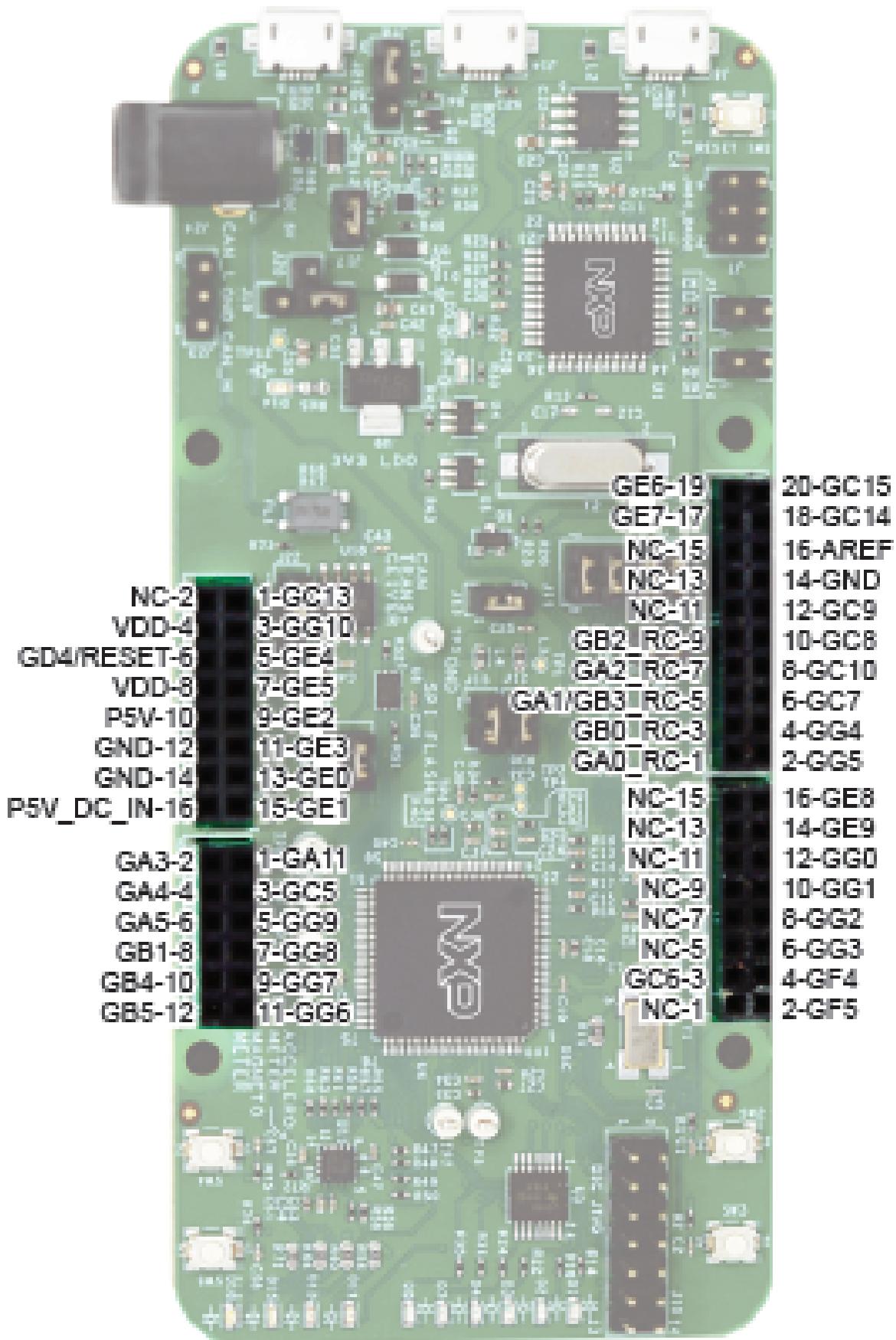


Figure 1: MC56F83000-EVK Callouts

MC56F83000-EVK Pin Out Block Diagram



[View additional information for Development Board for MC56F83xxx Digital Signal Controllers.](#)

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