



# S08P MCUs Evaluation Kit

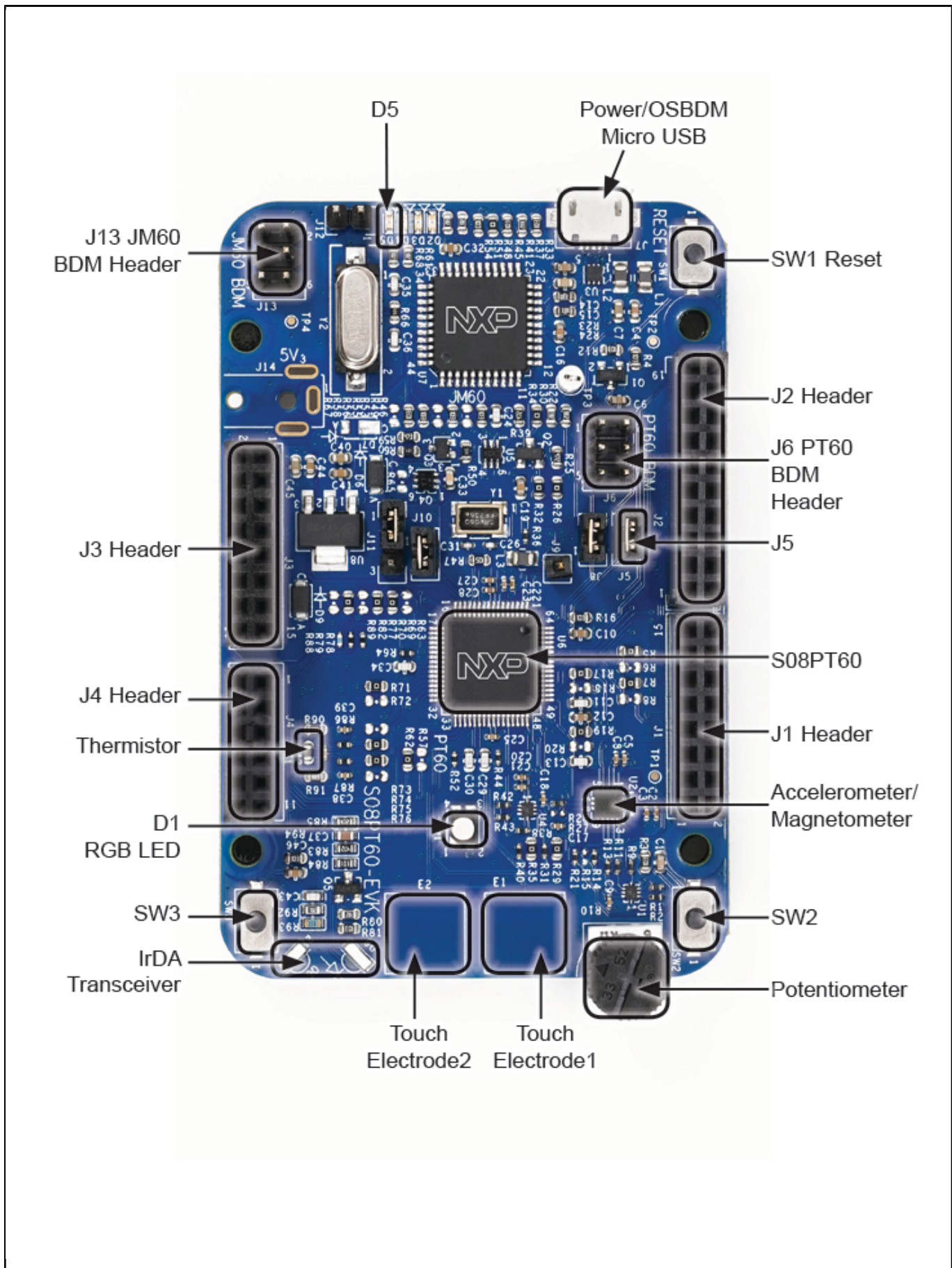
## S08PT60-EVK

Last Updated: Dec 11, 2023

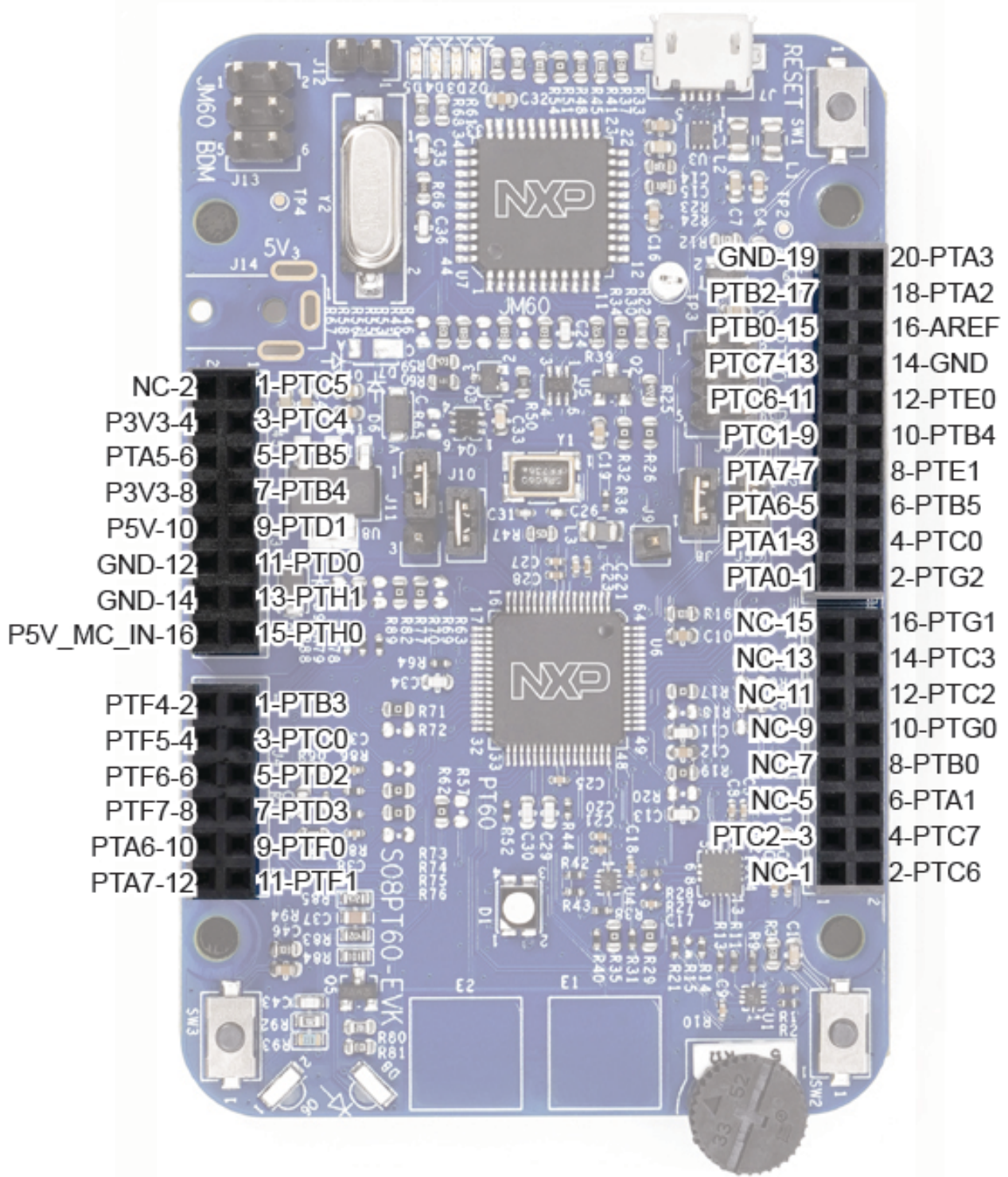
The S08PT60-EVK is cost-effective development hardware for the NXP S08P 5V 8-bit MCUs.

- S08PT60-EVK is powerful, with rich integrated peripherals to evaluate all features of S08P MCUs. The onboard interfaces include an RGB LED, a 6-axis digital accelerometer and magnetometer, an ambient temperature sensor, two capacitive touch pads, a potentiometer, two user push-buttons, and IRDA transceiver.
- S08PT60-EVK supports OSBDM to flash program and run-control debug without an external debug tool.
- S08PT60-EVK is compatible with the Arduino® pin layout, providing a broad range of expansion board options, including FRDM-MC-LVBLDC for motor control.
- Provide free sample code for users' reference.

# S08PT60-EVK CALLOUT Block Diagram



## S08PT60-EVK PINOUT Block Diagram



NC-2  
 P3V3-4  
 PTA5-6  
 P3V3-8  
 P5V-10  
 GND-12  
 GND-14  
 P5V\_MC\_IN-16  
  
 PTF4-2  
 PTF5-4  
 PTF6-6  
 PTF7-8  
 PTA6-10  
 PTA7-12

1-PTC5  
 3-PTC4  
 5-PTB5  
 7-PTB4  
 9-PTD1  
 11-PTD0  
 13-PTH1  
 15-PTH0  
  
 1-PTB3  
 3-PTC0  
 5-PTD2  
 7-PTD3  
 9-PTF0  
 11-PTF1

GND-19  
 PTB2-17  
 PTB0-15  
 PTC7-13  
 PTC6-11  
 PTC1-9  
 PTA7-7  
 PTA6-5  
 PTA1-3  
 PTA0-1  
 NC-15  
 NC-13  
 NC-11  
 NC-9  
 NC-7  
 NC-5  
 PTC2-3  
 NC-1

20-PTA3  
 18-PTA2  
 16-AREF  
 14-GND  
 12-PTE0  
 10-PTB4  
 8-PTE1  
 6-PTB5  
 4-PTC0  
 2-PTG2  
 16-PTG1  
 14-PTC3  
 12-PTC2  
 10-PTG0  
 8-PTB0  
 6-PTA1  
 4-PTC7  
 2-PTC6

View additional information for [S08P MCUs Evaluation Kit](#).

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

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