



# S08P MCUs Evaluation Kit

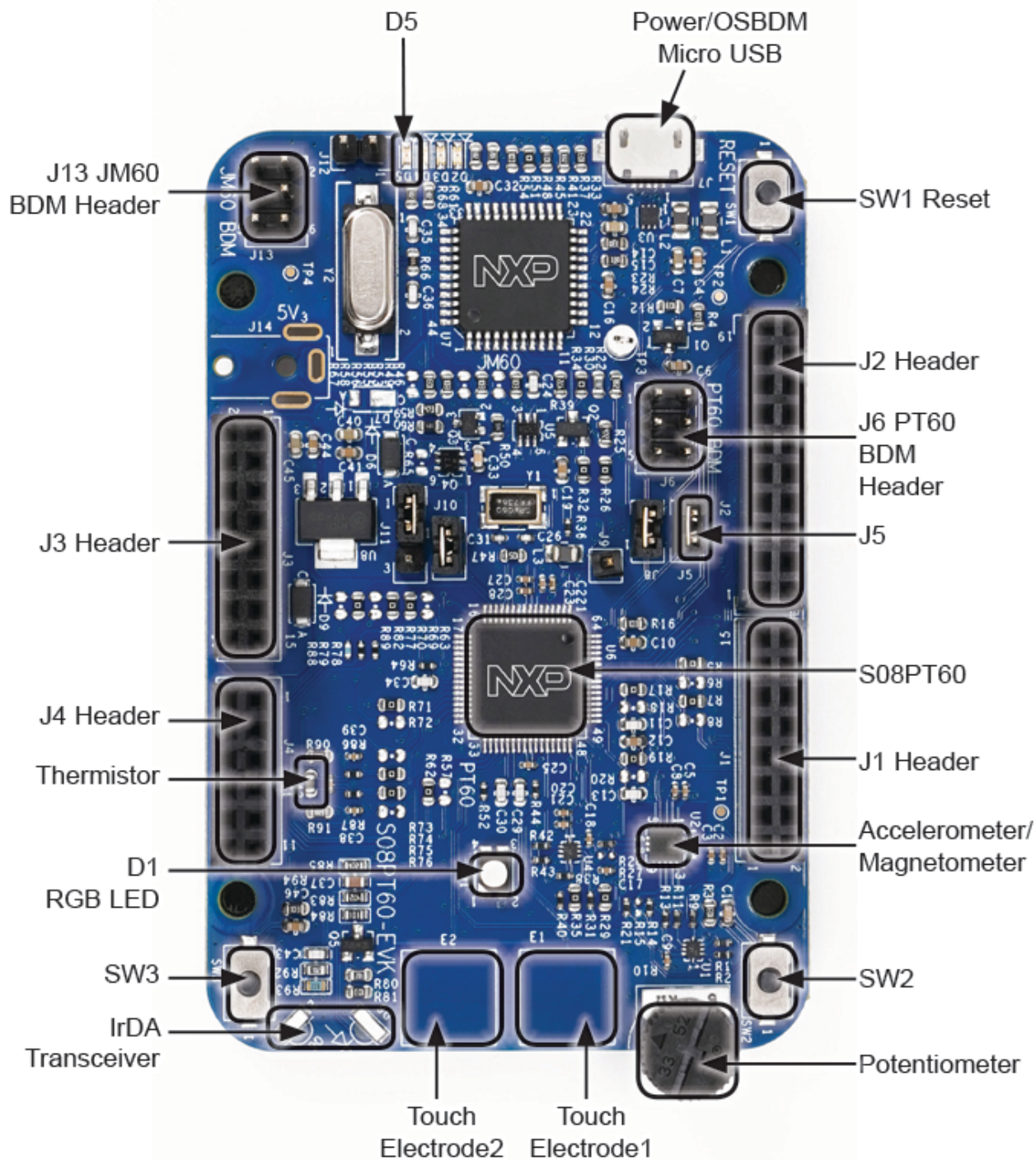
## S08PT60-EVK

Last Updated: Dec 23, 2025

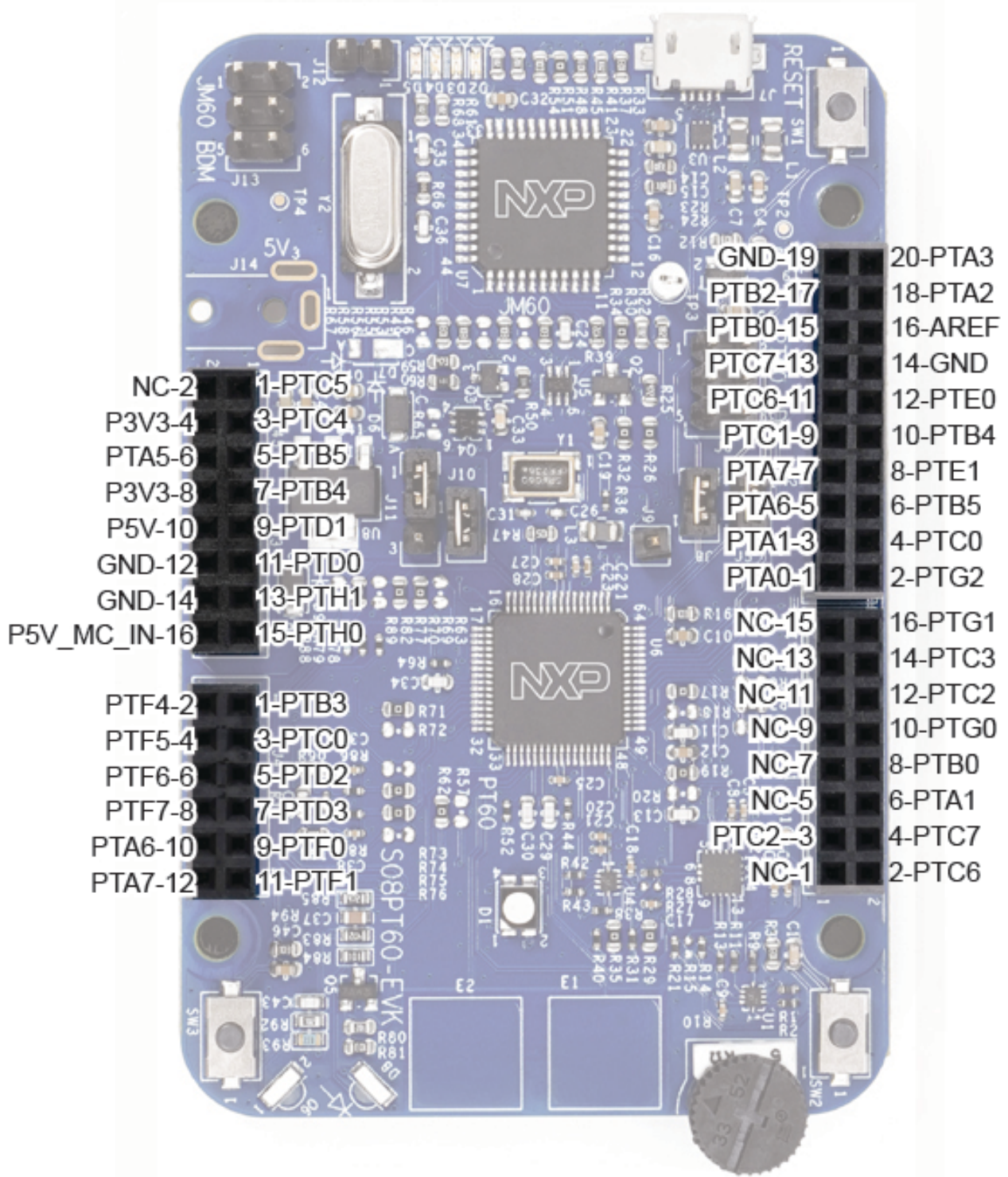
The S08PT60-EVK is cost-effective development hardware for the NXP S08P 5V 8-bit MCUs.

- 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	1-PTC5	GND-19	20-PTA3
P3V3-4	3-PTC4	PTB2-17	18-PTA2
PTA5-6	5-PTB5	PTB0-15	16-AREF
P3V3-8	7-PTB4	PTC7-13	14-GND
P5V-10	9-PTD1	PTC6-11	12-PTE0
GND-12	11-PTD0	PTC1-9	10-PTB4
GND-14	13-PTH1	PTA7-7	8-PTE1
P5V_MC_IN-16	15-PTH0	PTA6-5	6-PTB5
		PTA1-3	4-PTC0
		PTA0-1	2-PTG2
		NC-15	16-PTG1
		NC-13	14-PTC3
PTF4-2	1-PTB3	NC-11	12-PTC2
PTF5-4	3-PTC0	NC-9	10-PTG0
PTF6-6	5-PTD2	NC-7	8-PTB0
PTF7-8	7-PTD3	NC-5	6-PTA1
PTA6-10	9-PTF0	PTC2-3	4-PTC7
PTA7-12	11-PTF1	NC-1	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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