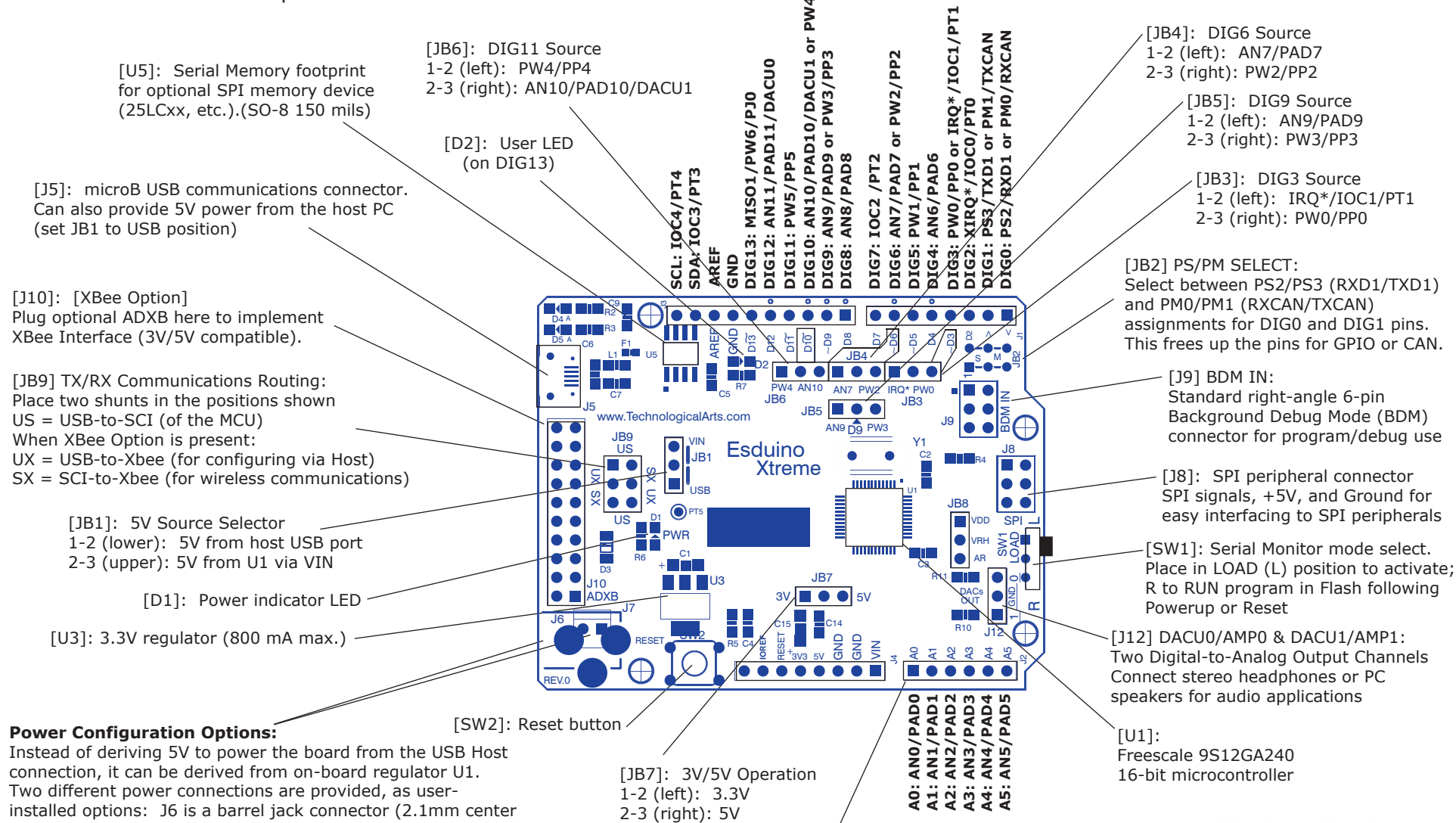


EsduinoXtreme

9S12G-based Arduino-compatible*



Power Configuration Options:

Instead of deriving 5V to power the board from the USB Host connection, it can be derived from on-board regulator U1. Two different power connections are provided, as user-installed options: J6 is a barrel jack connector (2.1mm center-positive) compatible with most common AC-to-DC adapters, and J7 is a 2-pin Molex connector. Since they have overlapping footprints, you can install only one of them. The applied voltage (VIN) can be anywhere in the range of 7 to 15V DC. To choose VIN as the source of the board's system 5V (via regulator U1), set jumper block JB1 to the 2-3 (upper) position.

Order Code:

ESD12X (fully assembled with 9S12GA240 and headers)

NOTE: Square pad denotes pin 1 on all components with reference to schematic diagram.

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* Footprint and pinout are compatible with most Arduino-style shields.

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