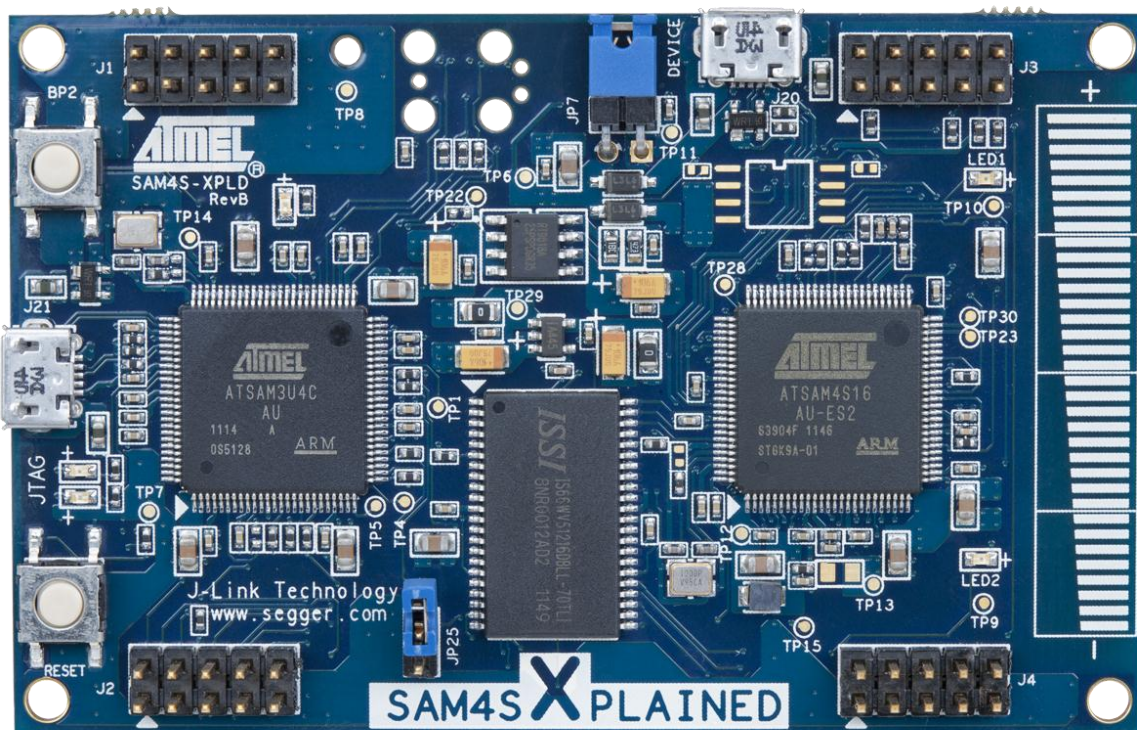# SAM-4S Xplained kit

Features

- Atmel® AT91SAM4S16C microcontroller
- J-LINK OB debug solution on board
- External memory
- Mbit SRAM
    - Footprint for Atmel AT25DF series industry standard serial flash
- I/O
    - Full Speed USB device port
    - One mechanical button
    - One reset button
    - One Power LED
    - Two user LEDs
    - Four expansion headers for Xplained add-on boards
    - One Atmel QTouch® slider
- Other
    - Onboard 12MHz crystal
    - JTAG Status LEDs
    - Power LED
    - On-board power regulation