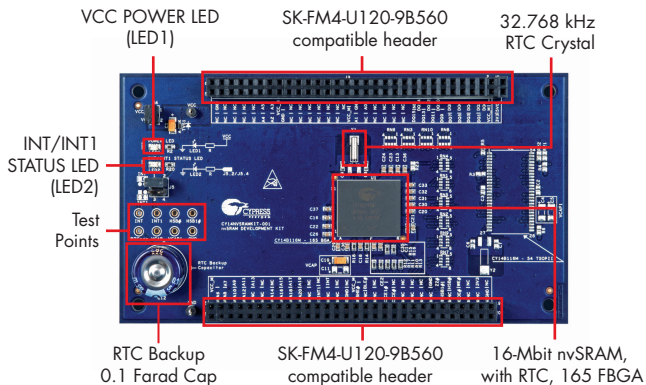


CY14NVS RAMKIT-001 nvSRAM DEVELOPMENT KIT



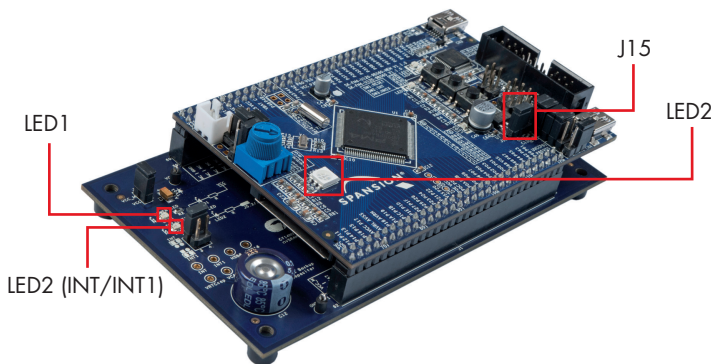
CY14NVS RAMKIT-001 Features:

- 16-Mbit (1Mx16), parallel nvSRAM with RTC
- SK-FM4-U120-9B560 compatible headers
- 3.3 V VCC Power Supply
- VCC POWER (LED1) and INT/INT1 STATUS (LED2) LEDs
- Test points for HSB (HSB#, HSB1#) and RTC (INT, INT1)
- 0.1 Farad super capacitor provides RTC backup for more than two days

CY14NVS RAMKIT-001

nvSRAM DEVELOPMENT KIT

- This kit is designed for use with Cypress's FM4 MCU Evaluation Board (SK-FM4-U120-9B560)
- Download the kit installer and documentation from www.cypress.com/CY14NVS RAMKIT-001
- Configure the MCU for program. Upon successful programming, configure the MCU for run. Refer to the Kit Operation chapter 4 in CY14NVS RAMKIT-001 User Guide for the MCU configurations
- Ensure J15 on the MCU is configured in the 3V position, for the 3.3 V operation before connecting the kit to the MCU
- Connect the kit to the MCU as shown below



- Power up the board via the USB connection (CN4). LED2 on the MCU and LED1 on the CY14NVS RAMKIT-001 board will glow Green. LED2 (INT/INT1) on the CY14NVS RAMKIT-001 board is factory programmed to blink at the rate of 1-Hz. Run the kit software to evaluate nvSRAM features