

This is a maintenance release that builds upon the previous MCUXpresso IDE v10.2.0 release, and we recommend that all existing users download and install this new version.

<http://www.nxp.com/mcuxpresso/ide/download>

Summary of Changes - version 10.2.1 - July 2018

- Fixed issue in New Project Wizard when switching between a board and a generic device (or vice versa)
- Fixed issue with floating point settings when importing SDK example projects for Cortex-M7 based MCUs
- Fixed issue with notification of missing dependencies when Add/Remove Component used with SDK v2.4 packages
- Improved options to handle part selection when project importing in cases where associated SDK is not installed
- Fixed issue which could prevent a renamed project from being debugged in some circumstances
- Resolved various issues with user interface of GUI Flash Tool
- Resolved issue with workspace preferences when trying to configure the Debug perspective to be used for debugging projects (instead of the default Develop perspective)
- Improved reliability of LinkServer debug sessions via enhancements to the way the IDE connects to the server process, as well as enhancements in the server itself
- Improved the IDE's display of the LinkServer "RedlinkServer" console
- Fixed issue with LinkServer "Disconnect behavior" always using "cont", even when configured to use another disconnect option
- Option to terminate debug session added to IDE's LinkServer error dialog
- Fixed issue with handling of number formats for entries in Global Variables view
- Live Global Variable graphing no longer inserts spurious zero entry when target paused
- Fixed issue with enumerated bitfield handling in the Peripheral Register viewer
- Fixed issue with display of PriMask, BasePri, FaultMask and Control special registers in Registers view for LinkServer debug sessions. This change also now allows these registers to be edited
- Fixed issue with LinkServer erroneously setting VTOR in some circumstances after programming flash
- Fixed issue with zoom function on SWO Interrupt Trace view
- Fixed issue with Instruction Trace view, which could prevent profile information being displayed in source and disassembly views in some circumstances
- Fixed issue with Instruction Trace Config view, which prevented a modified configuration being saved
- Preliminary LinkServer SPI flash drivers that self-configure using JEDEC SFDP information read from the device are now included for i.MX RT1020 (QSPI) and RT1050 (QSPI and Hyperflash)
- Example device specific flash driver projects provided for i.MX RT1020 and RT1050. These can be used as a starting point for writing flash drivers for custom boards fitted with flash devices that do not support SFDP information
- Updated FreeRTOS TAD plugin to v1.0.6
  - Fixed issues with Pause button
  - Added more verbose log for determining heap type
  - Removed problematic heap identification from available variables

- Fixed issue which prevented the P&E Micro plugin updating from the P&E update server
- Upgraded to a later version of the P&E Micro plugin (v3.5.6)
- Upgraded to a later version of the SEGGER software (v6.32h)