

Update Boot (TE USB FX2 Firmware Update)

An *update boot* (aka TE USB FX2 firmware update), for Generation 3 firmware, is a multi-step boot operation:

- follow the same procedure of [TE USB FX2 driver installation \(Generation 3\)](#);

- check that EEPROM connection is enabled (EEPROM switch is set in a way to enable EEPROM connection to USB FX2 microcontroller);



EEPROM connection shall always be enabled during EEPROM programming.

Generation 3 firmware should already be running in the FX2 microcontroller's RAM.

- [Cypress firmware update tools](#) and [OpenFutNet](#) can read and write the EEPROM using:
 - a. [CyControl \(Cypress USB Control Center\)](#) or
 - b. [CyConsole \(Cypress USB Console\)](#) or
 - c. [OpenFutNet](#) or

d. [Open_FUT \(gen 3\)](#)

See also [Cypress USB Control Center update boot](#) and [Cypress USB Console update boot videos](#) for further information about the procedures to follow.



Generation 2 firmware update

For Generation 2 (not advised) firmware update, it is possible to update the Generation 2 firmware using [Open_FUT \(gen 2\)](#) and Generation 2 driver.

EEPROM connection shall always be enabled during EEPROM programming.

Generation 2 firmware should already be running in the FX2 microcontroller's RAM.