

# Hardware Rework Guide for MCXN947-EVK with Direct Murata M.2 Module

This section is a brief hardware rework guidance of the EdgeFast Bluetooth PAL on the NXP MCXN947-EVK board and the Murata 1XK or 1ZM solution - direct M.2 connection to Embedded Artists' EAR00385 (1XK) or EAR00364 (1ZM) M.2 modules.

The hardware rework consists of two parts:

- M.2 UART interface
- M.2 SDIO interface

## Hardware rework

- M.2 UART interface rework
  - Mount R835
  - Connect JP45 2-3 to supply 1.8V for GPIO4
- M.2 SDIO interface rework
  - Remove R818, connect R823
  - Remove R819, connect R824
  - Remove R817, connect R822
  - Remove R815, connect R816
  - Remove R820, connect R825
  - Remove R821, connect R826

