

To Our Valued Customers,

This PCN affects our iMX6 SoloX COM board (product number: EAC00244 and EAC00256). This board is also sold as part of the iMX6 SoloX Developer's Kit (product number: EAK00245).

QSPI Flash Memory Size Change

The QSPI flash memory size previously mounted was 64 MByte (dual 256 Mbit memories). This is changed to 16 MByte (dual 64 Mbit memories).

The 256 Mbit memories mounted before have been Micron N25Q256A13EF840E and MT25QL256ABA1EW9-0SIT. The new 64 Mbit memories mounted are ISSI IS25LP064A-JLLE (datasheet: <http://www.issi.com/WW/pdf/25LP064A.pdf>). In the future, Adesto AT25SF641-MHB-T might also be mounted.

The Linux BSP's for Linux version 4.1.15 and 4.9.11 have been updated to support the new memories used. The updates made make the Linux BSP's compatible with both the old and new memories.

Customers using the QSPI flash memories will need to update the Linux BSP used.

Identification

The new QSPI flash size will be mounted on boards produced after February 2018. All boards from Embedded Artists have a marking: WO-XXXX-YYWW, where XXXX is the WO-number. YY is the year and WW is the week number when the board was produced.

The affected boards will have a WO-number above or including: $XXXX \geq 0833$. Some boards with WO-number 0833 are not affected.

Kind Regards,
Embedded Artists AB
March 13, 2018