

I had problems with one of the LT7680 Control Boards from EastRising (BuyDisplay). It had a serial flash IC installed that couldn't be programmed. Even when reading data, it only returned invalid information. The IC had the expected imprint "Winbond 25Q128JV", but unlike all the other boards, this Flash Memory provided a different JEDEC Device ID Code and could only be accessed with disabled ID check. EastRising didn't accept my complaint and refused to replace the board. I was only able to resolve the issue by replacing the Flash Memory with an original new W25Q128JV.

Addendum:

Using the JEDEC DEVICE ID Code, I discovered that the flash memory supplied with the LT7680 control board is a W25Q128FW. However, this memory is designed for a 1.8V power supply and was operated at 3.0V on the control board. After this exceedance of the Absolute Maximum Ratings the device now is damaged and can no longer be used. No wonder there also was an overcurrent warning. Apparently, the flash memory is mislabeled and could also be used on other control boards.