OLIMEX

Flash-eXXGs16M

User Manual

olimex.com

Rev.1.0 April 2024

Table of Contents

What is Flash-e16Gs16M

Flash-e16Gs16M is an open source hardware board which adds external eMMC and SPI Flash to Olimex's OLinuXino and SOM modules which are compatible with it.

For the moment these are:

STMP157-OLinuXino-LIME2

A20-OLinuXino-LIME2 Rev.N

STMP157-BASE-SOM-EVB

STMP1-A13—EVB

iMX8MP-SOM-EVB

S3-OLinuXino

and others to come

Flash-eXXGs16M features:

- eMMC 5.0 16GB or 32GB

- SPI flash 16MB
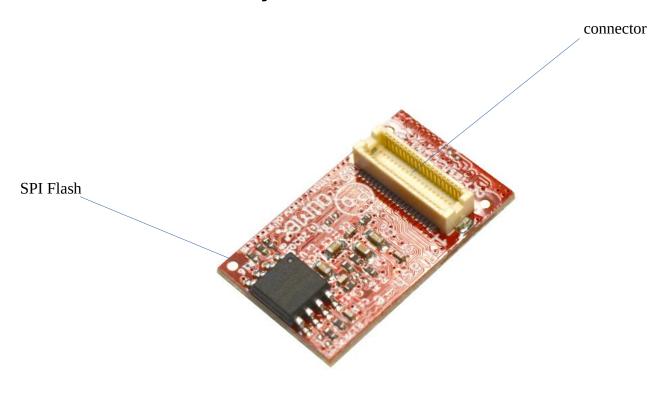
- Dimensions are: 25 x 15 mm
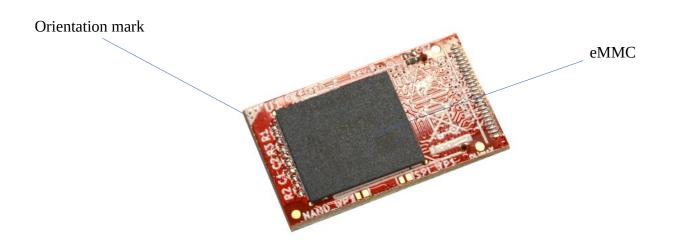
Order codes for Flash-eXXGs16M:

Flash-e16Gs16M   Flash module with 16GB eMMC Flash and 16MB SPI Flash

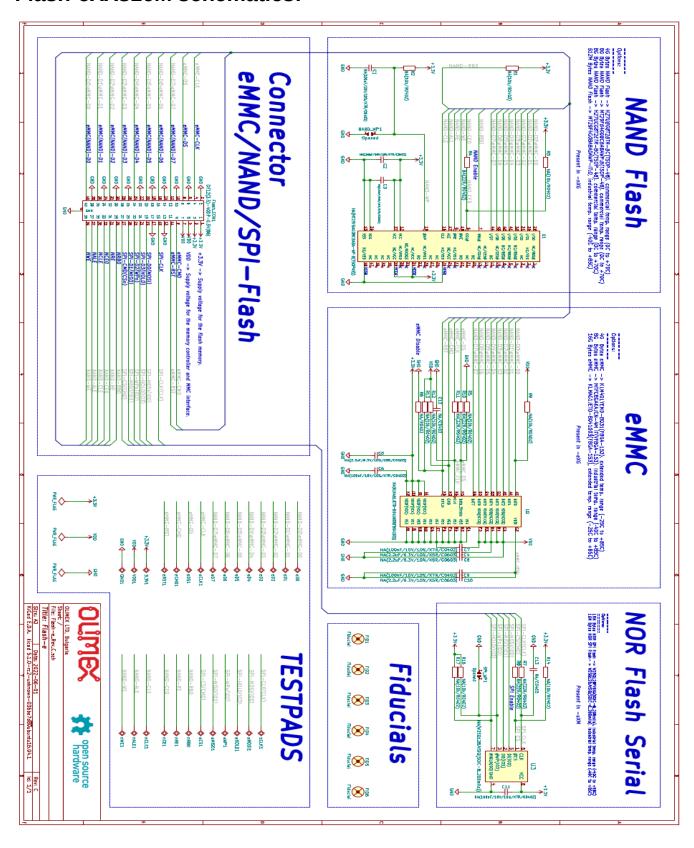Flash-e32Gs16M   Flash module with 32GB eMMC Flash and 16MB SPI Flash

HARDWARE

Flash-eXXGs16MB layout:

connector

SPI Flash

Orientation mark

eMMC

Flash-eXXs16M schematics:

Revision History

Revision 1.0 April 2024