



Our Products > OSD32MP1 Family > OSD32MP1-BRK

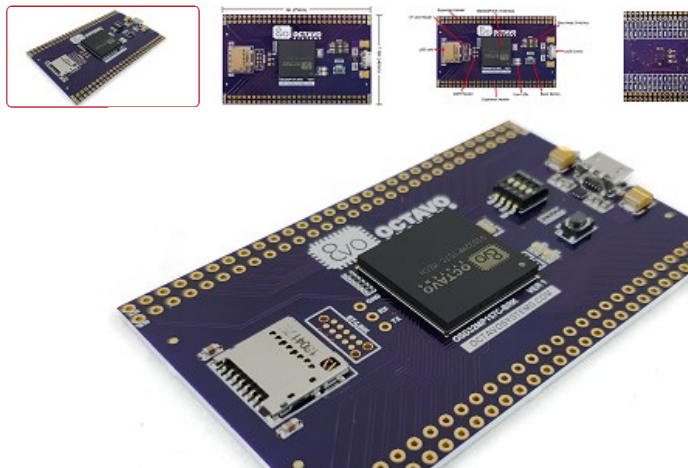
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OSD32MP1-BRK A Flexible Prototyping Platform

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The OSD32MP1-BRK is a small flexible prototyping platform for the STM32MP1 based SiP, the OSD32MP15x. At only 3in X 1.8in (75mm X 46mm), it provides easy access to the I/O of the STM32MP1 through a set of breadboard compatible headers. The OSD32MP1-BRK allows developers to quickly build a proof of concept that more closely resembles their actual system without the need to build their own custom hardware.



The OSD32MP1-BRK features the OSD32MP15x System in Package, a microSD slot, 32KHz crystal, a microUSB client port, and two 2x30 100 mill headers. The headers give access to 106 I/O on the STM32MP1 integrated into the OSD32MP15x SiP. It is uses a 4 Layer PCB with low cost design rules and has no back side components.

Its minimal overhead and access to a wide range of I/O make the OSD32MP1-BRK the perfect platform for any designer looking for complete flexibility as they prototype their design.

The OSD32MP1-BRK is designed and manufactured by **Allied Component Works, LLC**, a member of the Octavo Systems

partner network.

Related Products:

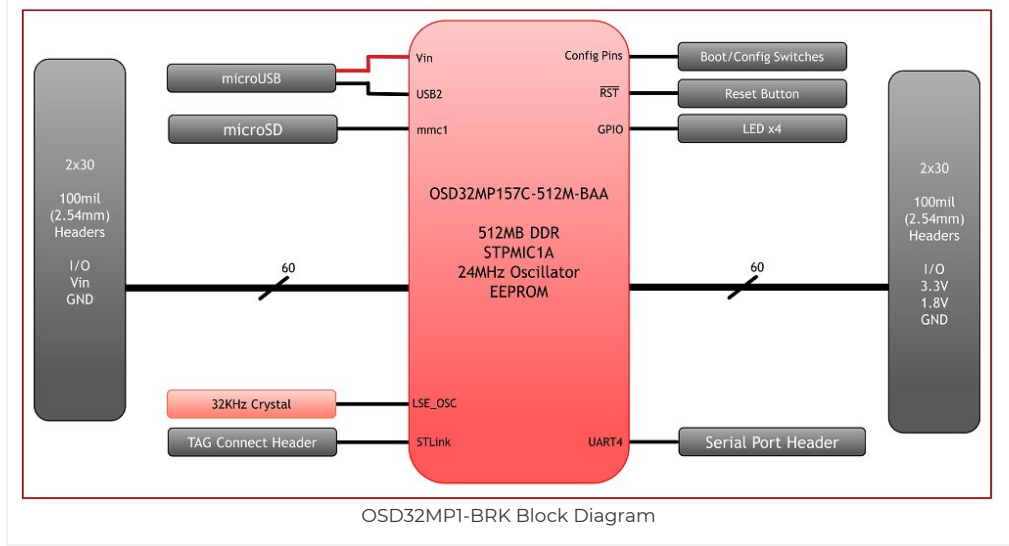
OSD32MP15x – System in Package Module for the STM32MP1

OSD32MP1-RED – Full Featured Reference, Evaluation, Development Platform for the OSD32MP15x SiP

OSD32MP1-BRK Features

- Small Form Factor

- Only 3in X 1.8in (75mm X 46mm)
- Access to 106 I/O
 - two 2x30 100mil (2.54mm) Headers
 - Maximum flexibility to prototype designs
 - Breadboard Compatible
- OSD32MP157C-512M-BAA
 - STM32MP157C Dual Arm® Cortex® A7 + M4
 - 512MB DDR3 Memory
 - STPMIC1A Power Management
 - EEPROM
 - Oscillator
 - Passives



- μUSB
- STLink
- UART
- μSD Card
- 32KHz Crystal
- 4 Layer Design
- No Back Side Components

Availability

Product Number	Description	Price	Order From
OSD32MP1-BRK	Flexible Development Platform for the OSD32MP15x System in Package	TBD	GET NOTIFIED WHEN AVAILABLE

Design Files

Coming Soon



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