

Introducing The SoM-A5D36

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[SoM-A5D36 ARM System on Module](https://www.emacinc.com/sites/default/files/styles/large/public/field/image/SoM-5D36%20web.png?itok=89U80GG8)

Designed and manufactured in the USA, the **SoM-A5D36** is a System on Module (SoM) based on the Atmel ARM Cortex A5

ATSAMA5D36 processor. This low power, wide temperature ARM 536 MHZ SoM utilizes 4GB of eMMC Flash, 16MB of serial data flash, and up to 512MB of LP DDR2 RAM. Like other modules in EMAC's SoM product line, the SoM-A5D36 is designed to plug into a custom or off-the-shelf carrier board containing all the connectors and any additional I/O components that may be required. This approach allows the customer or EMAC to design a Custom Carrier Board that meets the I/O, dimensional, and connector requirements without having to worry about the processor, memory, and standard I/O functionality. With this System on Module approach, a semi-custom hardware platform can be developed in as little as a month.

http://www.emacinc.com/products/system_on_module/SoM-A5D36

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