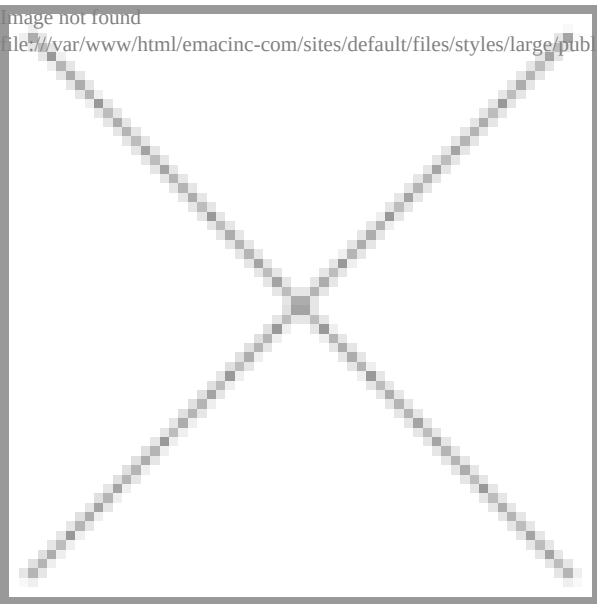


Industrial IoT ARM System on Module



The SoM-9G25 is a versatile Industrial Iot ARM System on Module (SoM) targeting applications that require low power, low cost, and

embedded longevity. Designed and Manufactured in the USA the SoM-9G25 is the ideal choice for Industrial IoT solutions. The SoM

9G25 uses an ARM based Atmel ARM9 AT91SAM9X25 processor and comes with UP TO 128MB of onboard DDR2 RAM, 8MB of Serial Data Flash and up to 512MB of NAND flash. With an industrial temperature range of -40 to +85C the SoM-9g25 provides GPIO, Serial Ports, SDIO, Ethernet, A/D, SPI, I2C, PWM, USB Host & Device Ports and I2S Audio Line In/Out Ports.

approach allows the customer or EMAC to design a custom carrier board that meets the customer's 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.

In addition to the option of the developing a custom carrier board, one can be purchased off-the-shelf. The recommended off-the-shelf Carrier Board for the SoM-9G25 is the SoM-150ES. The SoM approach provides the flexibility of a fully customized product at a greatly reduced cost.

http://www.emacinc.com/products/system_on_module/SoM-9G25M

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