PRODUCT BRIEF

Infineon memory solutions

Pairing guide for ASPEED

To simplify your development process and get you to market faster, Infineon collaborates with chipset manufacturers worldwide to ensure that our memory devices work with leading microprocessors, microcontrollers, SoCs and FPGAs. The program covers design validation and interoperability testing, and you will often find our devices on industry chipset reference designs.

ASPEED Technology Inc. provides board management control (BMC) chipsets for server and data center applications. BMC subsystems are implemented alongside server processors to provide independent monitoring and management of the host system CPU, BIOS, operating system, power, and environmental conditions.

For these BMC applications, Infineon NOR Flash provides reliable boot code and system data storage, and is utilized to store the embedded Linux kernel. ASPEED SDK supports Infineon memory in both U-Boot and MTD Linux implementations.

Infineon adheres to the strictest quality standards, and supports products with a longevity program that assures 10+ years product availability.

Please contact SDS-memoryecosystem@infineon.com for more information.

Infineon NOR Flash memory supported by ASPEED

ASPEED SoC part number	Density	NOR Flash part number
AST2500	256 Mb	S25FL256LAG S25FL256SAG
	512 Mb	S25FL512SAG
AST2520	256 Mb	S25FL256LAG S25FL256SAG
	512 Mb	S25FL512Sxxx
	1 Gb	S25HL01GTFAMHI010
AST2600	256 Mb	S25FL256LAGMFI000 S25FL256SAGMFIG13
	512 Mb	S25HL512TFAMHI010 S25FL512SAGMFIG13
	1 Gb	S25HL01GTDPMHB010
	2 Gb	S25HL02GTDPBHB153
AST2700	512Mb	S25HL512TDPMHI01x S25HS512TDPMHI01x S25HS512TFAMHI01x
	1Gb	S25HL01GTDPMHI01x S25HL01GTFAMHI01x S25HS01GTDPMHI01x
	2Gb	S25HL02GTDPBHB15x S25HS02GTDPBHV15x

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Due to technical requirements, our products may contain dangerous substances. For information on the types in question, please contact your nearest Infineon Technologies office.

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