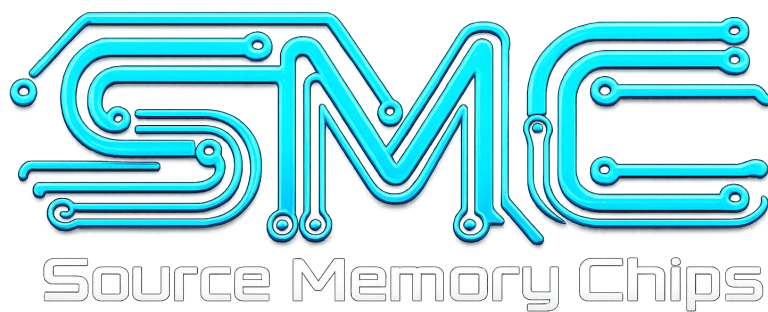


H9TP65A8JDAC

eMCP Memory Solution

Mobile / Embedded Memory Solution

Technical Datasheet



Source Memory Chips (SMC) provides technical reference documentation for memory products used in industrial, networking, embedded and long-life electronic applications.

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H9TP65A8JDAC

SK hynix H9TP65A8JDAC eMCP
Technical Reference Datasheet

Product Highlights

Feature	Description
Integrated Memory	Common reference configuration: 8 GB embedded NAND/eMMC + 1 GB LPDDR2 SDRAM
Compact Package	Storage and system memory combined in an FBGA162 package; verify the full suffix
Board Efficiency	Reduces PCB area, component count and memory-routing complexity
Legacy Platform Support	Suitable for maintenance and replacement of compatible mobile or embedded platforms

1. Product Overview

The SK hynix H9TP65A8JDAC is a legacy Embedded Multi-Chip Package (eMCP) memory device used in mobile and compact embedded platforms. Available product references commonly identify the device as combining 8 GB of embedded NAND/eMMC storage with 1 GB of LPDDR2 SDRAM in an FBGA162 package.

By combining non-volatile storage and system memory in one component, H9TP65A8JDAC can reduce PCB area and simplify board-level integration. Exact interface, electrical, package and temperature specifications must be confirmed using the complete device marking, package suffix and official manufacturer documentation.

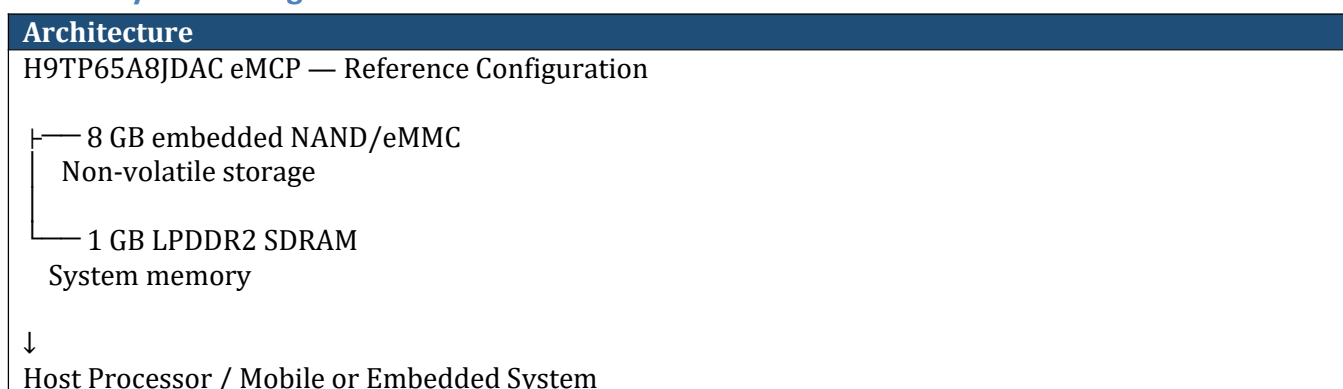
Item	Specification
Manufacturer	SK hynix
Part Number	H9TP65A8JDAC
Product Type	Legacy eMCP / Embedded Multi-Chip Package
Memory Integration	8 GB embedded NAND/eMMC + 1 GB LPDDR2 SDRAM (reference configuration)
Package Type	FBGA162 commonly listed; verify full suffix
Target Platforms	Mobile, handheld and compact embedded systems

2. Memory Architecture

H9TP65A8JDAC combines embedded non-volatile storage and LPDDR2 system memory in one package. The capacities below represent the commonly referenced configuration and must be verified against the complete device suffix.

Memory Block	Function
8 GB embedded NAND/eMMC (reference)	Non-volatile storage for boot code, operating system, firmware, applications and user data.
1 GB LPDDR2 SDRAM (reference)	Volatile system memory supporting processor operation and application execution.

Memory Block Diagram



3. Product Advantages

- Integrated storage and system memory in one compact package
- Reduced component count and simplified PCB routing
- FBGA162 reference footprint for space-constrained designs
- Suitable for compatible legacy mobile and embedded platforms
- Useful for maintenance, repair and replacement sourcing
- Full top marking and suffix should be verified before procurement

4. Technical Specifications

Parameter	Specification
Manufacturer	SK hynix
Part Number	H9TP65A8JDAC
Product Family	Legacy eMCP / embedded multi-chip memory
Storage Memory	8 GB embedded NAND/eMMC (commonly referenced configuration)
System Memory	1 GB LPDDR2 SDRAM (commonly referenced configuration)
Interface	Device- and suffix-specific; verify official manufacturer documentation
Package	FBGA162 commonly listed; verify complete package suffix
Electrical / Temperature Limits	Not defined in this reference document; verify before design or replacement use

Reference Note: Capacities and package information shown above reflect commonly available product references. Confirm the complete top marking, suffix, pin assignment, electrical limits and temperature grade against official SK hynix documentation or the original system design before use.

5. Typical Applications

Application	Usage
Legacy Smartphones	Integrated boot storage and working memory for compatible original platforms
Tablets / Handhelds	Compact memory solution for space-limited boards
Embedded Systems	Combined storage and system memory for compatible legacy designs
Repair / Replacement	Board-level replacement when the complete marking and suffix match
Production Support	Sourcing support for mature or discontinued electronic platforms

6. Ordering Information

Part Number	Description
H9TP65A8JDAC (base identifier)	SK hynix legacy eMCP; reference configuration 8 GB embedded storage + 1 GB LPDDR2

7. Ordering Verification & SMC Support

Source Memory Chips provides sourcing support for DRAM, NAND Flash, eMMC and integrated mobile memory products.

Before ordering H9TP65A8JDAC, confirm the complete top marking, package suffix, original board compatibility and required electrical or temperature grade. A base part number alone may not be sufficient for drop-in replacement.

Document Information

Item	Details
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Product	H9TP65A8JDAC
Revision	1.0
Date	July 2026

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