

Embedded Solutions



Embedded Products

Kingston offers a variety of embedded memory products, including eMMC and DRAM components, to customers worldwide. These products are ideal for memory and storage for many embedded applications.

 [Request information](#)



eMMC



eMCP



ePoP



DRAM Components



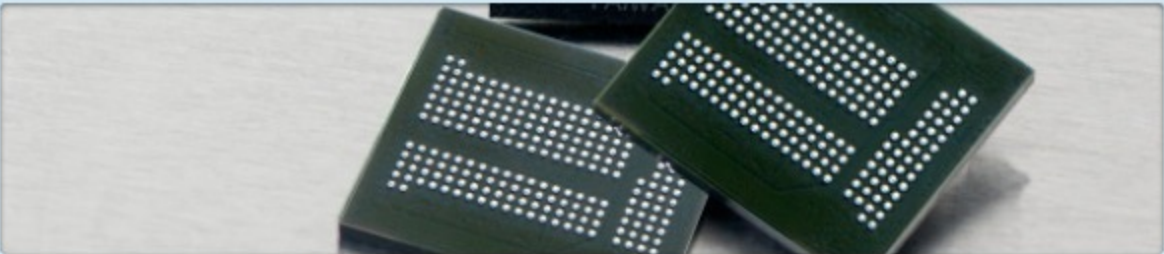
Design-in SSD



SDCIT


eMCP

Kingston offers a wide range of JEDEC standard eMCP components. eMCP integrates eMMC and low-power DRAM into a package with one small footprint. This solution simplifies system PCB design and speeds time to market. eMCP is an ideal combined storage and memory component for space-constrained systems such as smartphones, tablets, wearables and various IoT devices.



eMCP Part Numbers and Specifications

P/N	Capacity	Speed Mode	e•MMC version	Package Size
04EMCP04-AL2BM627	4GB eMMC + 4Gb LPDDR2	HS200	5.0	11.5 x 13 x 1.0 (162 Ball)
08EMCP04-AL2BT227	8GB eMMC + 4Gb LPDDR2	HS200	5.0	11.5 x 13 x 1.0 (162 Ball)
08EMCP08-NL2DT227	8GB eMMC + 8Gb LPDDR2	HS200	5.0	11.5 x 13 x 1.0 (162 Ball)
04EMCP04-NL3DM627	4GB MLC eMMC + 4Gb LPDDR3	HS400	5.0	11.5 x 13 x 1.0 (162 Ball)
08EMCP04-NL3DT227	8GB TLC eMMC + 4Gb LPDDR3	HS400	5.0	11.5 x 13 x 1.0 (162 Ball)
08EMCP08-NL3DT227	8GB TLC eMMC + 8Gb LPDDR3	HS400	5.0	11.5 x 13 x 1.0 (162 Ball)

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What makes Kingston unique?

Agility

Kingston has the expertise to deliver what you need, when you need it. Our lead time is exceptionally short, way ahead of the industry norm. And we can respond quickly to changing requests.

Flexibility

If your organization has specific requirements, Kingston can accommodate them. Flexible shipment logistics mean we can drop ship to multiple locations and schedule shipping around production requirements.

Direct support

Each project is tracked and supported, from sample to mass production. A free evaluation sample ships directly from Kingston to the customer, and FAE support is available to answer customers' technical questions.

Industry alliances

Kingston works closely with chipset vendors, distributors and manufacturers around the globe to support customer needs. [See partners ->](#)

Exceptional customer support

Tight BOM control means you get exactly what you want, every time. Part numbers are locked to configuration and firmware. There's a pre-SMT programming service for your convenience and support for every customer, big or small.

Services

Chipset validation

Kingston works with many chipset vendors to test and qualify products and has an in-house lab for internal component testing and compatibility testing on multiple chipset platforms.

Backend packaging technology

ISO/TS16949 certified manufacturing facilities allow for mass production with advanced multi-die stacking packaging technology plus advanced memory testing equipment. Kingston maintains a high standard for quality control and product reliability testing.

High volume





High-volume material purchasing enables us to maintain competitive pricing. Look to us for global high-volume, mass production facilities with advanced manufacturing technology and expertise.

Logistical support

With fast production turnaround times and ability to drop ship to multiple locations, Kingston supports customer production requirements and supports design-in specifications for manufacturing and shipping globally.

Engineering support

Live FAE and technical resource support is available during the design-in phase. For troubleshooting, Kingston maintains an in-house lab with multiple chipset platforms available.

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