

SAMSUNG

🔍 ↺ ≡

CHECK OUT NOW THAT HISTORY IS CREATED!

🏠 eMMC

KLMDG8JENB-B041

128 GB eMMC 5.1

KLMDG8JENB-B041

OVERVIEW

+

The eMMC architecture for embedded memory devices contains not only a data storage element (such as NAND flash memory), but also the controller for the storage element integrated on the same silicon die; it allows devices and applications to maintain the required data rates and throughputs for high-density chips. Along with the abilities to store high-resolution video and provide extended data storage capabilities, this results in reduced development time and easier integration of the memory block in the overall system, and a much shorter time-to-market for the end product.

Moreover, the eMMC is capable of operating at significantly high interface speeds, and provides the designer the flexibility to select the data transfer bus widths and interface voltages. eMMC is also extensively used for platforms that require high levels of performance in very small form factors, such as mobile handsets, and smartphones.

Samsung has the widest range of high performance memory devices based on the eMMC architecture. Worldwide, Samsung eMMC devices are preferred by a majority of system designers, integrators, and OEMs for their flexible configurability, high operating speeds and data transfer bandwidths, low power consumption, and small form factors.

SPECIFICATIONS

EMMC > KLMDG8JENB-B041

Production Status	Mass Production
Density	128GB
Package Size	11.5x13x1.2
Temperature(°C)	-25°C ~ 85°C
Version	5.1
MLC	2bit MLC
Application	Smart Phone, Tablet, Smart TV, Game Console

RELATED RESOURCES

Brochure (3)

+

SUBSCRIPTION

CONTACT US

We'll help you find the solution that's right for your business.

EMAIL US

FOLLOW US



SALES NETWORK

You can find our sales network

Find out more



B2B WORKPLACE

Partner site for B2B collaboration

Find out more



PRODUCTS	+
APPLICATION	+
FOUNDRY	+

