

FOR IMMEDIATE RELEASE

FuturePlus® Announces Support for Previous Generation Keysight Logic Analyzers for DDR5 and LPDDR5 Analysis

Tested Logic Analyzer modules with a FuturePlus® warranty help customers extend the value of their memory validation equipment

MERRIMACK, NH — October 14, 2026 — FuturePlus® Systems today announced support for DDR5 and LPDDR5/LPDDR5X command/address analysis using previous generation Keysight U4154A and U4154B logic analyzer cards with its FS2670A, FS2675, FS2910 and FS2915 interposers. The supported configurations give engineering teams a way to use existing laboratory equipment for current memory validation work and reduce the cost of adding analysis capacity.

The announcement builds on FuturePlus®'s relationship of more than 30 years with Keysight and its predecessor companies, Agilent Technologies and Hewlett-Packard. Throughout that relationship, FuturePlus® has developed probing and protocol analysis solutions that connect customers' memory systems to logic analyzers. This latest support extends that work to customers who want to continue using their previous generation Keysight equipment.

Barbara Aichinger, Vice President New Business at FuturePlus® Systems, said: "Our newer DDR5 CA only Interposers really add value to the users analysis of DDR5 and can save the customers money by enabling the use of the previous generation Logic Analyzers."

The FS2670A and FS2675 active DDR5 RDIMM interposers use an Industry Standard JEDEC RCD-based capture path to buffer command/address signals and present them to the analyzer. This reduces the capture demands at the analyzer interface and enables appropriately configured U4154A and U4154B cards to receive the command/address information. The interposer clock divider keeps the analyzer clock within its operating range while extending the captured time span for a given memory depth.

The FS2910 LPCAMM2 and FS2915 SOCAMM2 interposers provide access to LPDDR5/LPDDR5X command/address traffic. With a WCK-to-CK ratio of 4:1, the double-data-rate CA bus operates at one quarter of the DQ transfer rate. At 8533 MT/s DQ, the CA rate is approximately 2133 MT/s, within the 2.5 Gb/s full-channel state acquisition capability of U4154A and U4154B cards equipped with the -02G option. FuturePlus® also supports these interposers with the Keysight U4164A.

Although Keysight no longer sells the U4154A and U4154B, these cards can be found in large company labs around the world and on the used equipment market. FuturePlus® supports the announced configurations and also resells cards after testing them and proving that they work with its solutions. Cards resold by FuturePlus® include a FuturePlus® warranty, giving customers a supported route to acquiring previous generation analyzer hardware.

Customers can contact FuturePlus® to discuss supported configurations, card availability and warranty details. The company helps customers select the appropriate card speed option, interposer connections and acquisition setup for their command/address analysis requirements.

About FuturePlus Systems

FuturePlus® Systems has designed and supplied test and measurement tools since 1991. Based in Merrimack, New Hampshire, the company develops interposers, probing solutions and protocol analysis tools for memory and other computer buses, helping engineers bring up, validate and debug their systems. FuturePlus® Systems is a member of the Keysight Technologies Solutions Partner Program.

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