

# Press Release

## DDR Memory Monitoring Tool adds support for LPDDR3

Bedford, NH: June 3, 2014

[FuturePlus Systems](#) today announced the shipping of the [FS2801 the LPDDR3 version of the DDR Detective®](#). LPDDR3 is found in mobile applications like cellphones and tablets. Engineers need reliable and powerful tools to understand if their designs are meeting the JEDEC specification and now designers of mobile applications can get that with the DDR Detective® for LPDDR3.

The DDR Detective® represents a paradigm shift for design and validation of DDR memory subsystems. Memory subsystems are at the heart of all computer architecture designs. However, understanding the important metrics of memory controller to memory chip communication is fogged by the inability to capture and analyze large amounts of transactions between the two. Current methods require large trace buffers with sometimes slow operation and specialized software to look at the billions of transactions and unlock key metrics. The DDR Detective®, although equipped with traditional trace capabilities, takes a different approach. Instead of acquiring the data and post processing it to show the metrics, it counts the metrics real-time. This process is much more efficient, faster and never misses any bus activity. The traditional approach of repetitively acquiring massive amounts of data and off loading it, misses seconds if not minutes of valuable bus traffic. The DDR Detective® does not miss any bus activity. No trace buffer analysis approach can accomplish this.

“The addition of LPDDR3 means that our embedded customers can get the same type of robust analysis as the desktop and server engineers do. In addition, with our BGA and [midbus probing](#) options these engineers get a probing scheme that works for them,” stated President Ed Aichinger.

Pricing for the LPDDR3 starts at \$30,000 making it the most cost effective and highest performance tool for the job. Compare this to the traditional logic analyzer approach which can cost 4 or in some case 5 times more.

### About FuturePlus Systems

FuturePlus Systems Corporation is a privately held manufacturer of bus protocol analysis tools for the computer and embedded electronic industry and has been in business for over 20 years. FuturePlus Systems is a Premier Member of the Agilent Technologies Solutions Partner Program and an Embedded Tools Partner to Tektronix. FuturePlus Systems has authorized resellers in major countries worldwide. More information about FuturePlus Systems may be found at [www.FuturePlus.com](http://www.FuturePlus.com).

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### NOTE TO EDITORS:

If you choose to review this item, your readers will receive the quickest response to their inquiries by emailing [protocol.decode@futureplus.com](mailto:protocol.decode@futureplus.com). A photo of the FS2800 DDR Detective can be [found here](#).