News Release

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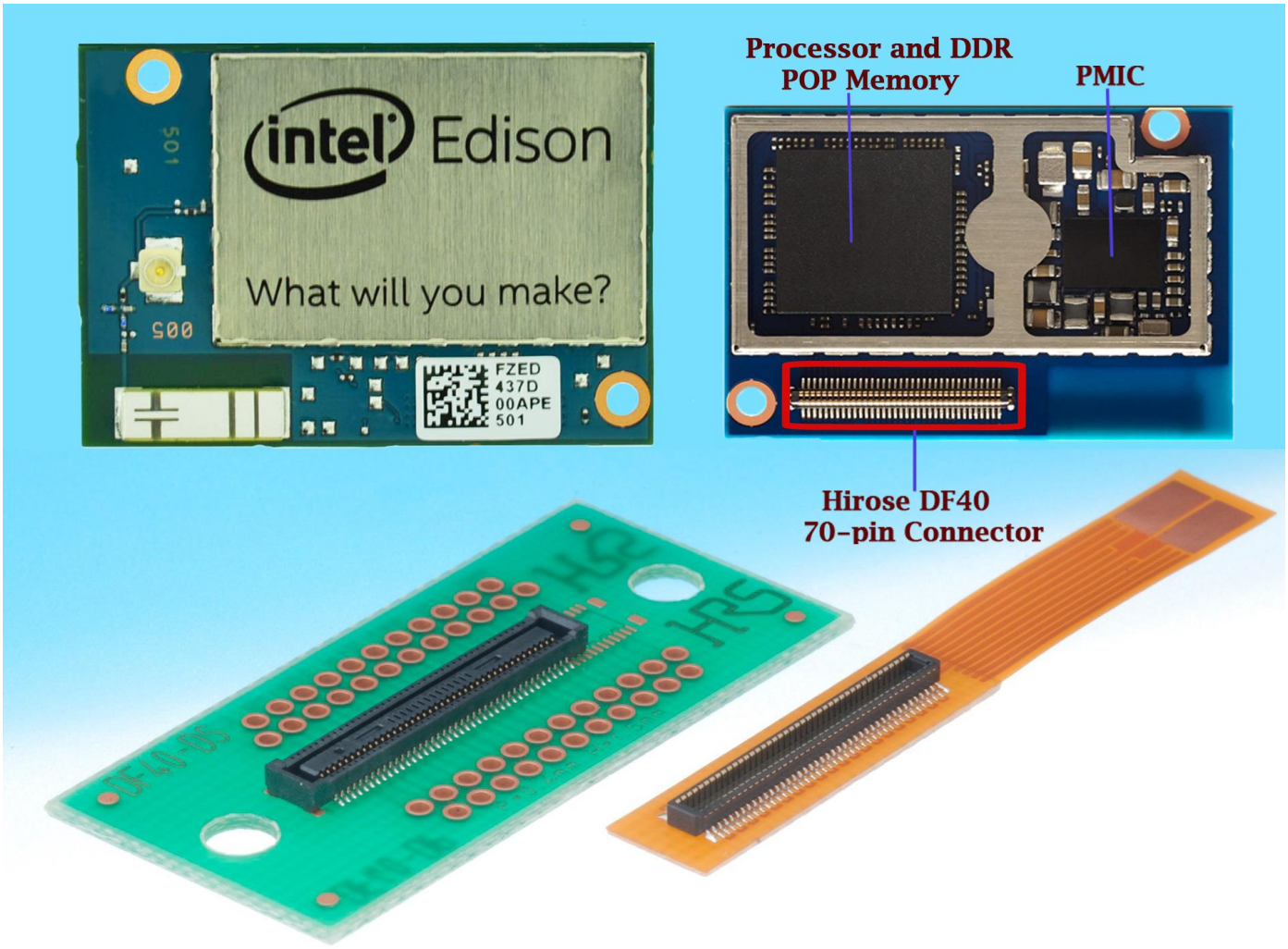
THE NEW INTEL EDISON DEVELOPER KIT UTILIZES HIROSE'S DF40 SERIES BOARD-TO-BOARD CONNECTOR



SIMI VALLEY, CA — December 29, 2014 — Hirose, a leader in the development of innovative connector solutions, is proud to announce the use of its DF40 Series board-to-board connector in the newly-released Intel Edison miniature computing platform. The postage-stamp sized Edison chip set uses the Hirose DF40 70-pin header (part # DF40C-70DP-0.4V(51) on the board to allow developers to connect devices such as displays, keyboards, power, and other miniature devices.

Applications for the Intel Edison include development for the Internet of Things (IOT), wearable electronics, mobile phones, and even industrial and automotive. The DF40 70-position receptacles are also used on Intel's UI break-out board (part # DF40HC(3.0)-70DS-0.4V(51) and the Arduino board (part # DF40C(2.0)-70DS-0.4V(51), both which interface with the Edison.

Available in board-to-board and board-to-FPC versions, the DF40 Series connector has a 0.4 mm pitch and features a compact space-saving design with multiple stack height options from 1.5 to 4.0 mm to accommodate high-density mounting. The DF40 Series has a minimum width of 3.38 mm, which still provides sufficient vacuum area for easy pick-and-place mounting.

Despite its tiny size and low profile, the connector delivers high contact reliability with an effective mating length of 0.45 mm on the lowest 1.5 mm stacking height. A champhered structure allows 0.33 mm of self-alignment during mating, ensuring correct insertion. In addition, the strong mating retention force of the DF40 Series connector prevents accidental unmating and utilizes a system that produces a clear tactile click to signal mating completion.

Durable and robust, the DF40 Series features a unique reinforced structure with shock- absorbing ribs on both sides, which minimizes damage due to physical impact or vibration. This versatile connector is also resistant to contaminants such as dust and other debris, which is achieved by a housing that covers the fine-pitched contacts when mated, minimizing debris intrusion and eliminating the potential for shorting.

"The versatile and compact DF40 series is available in a range of stacking heights and contact positions to accommodate the needs of many types of products. The covered contact design, shock-absorbing ribs and high mating retention force provide highly reliable performance, making it ideal for applications such as mobile phones and developer chip sets," said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA.

The DF40 series is available in various positions from 10 to 100. A shielded type is available for applications that require high speed signal transmission and noise prevention. The rated current is 0.3A, rated voltage is 30V AC/DC, and contact resistance is limited to 90 m ohms. The operating temperature is -35 to 85℃, and the insulation resistance is at least 50 M ohms at 100 V DC. The DF40 series is RoHS compliant and Halogen-free.

The DF40 Series connector is currently available from Mouser Electronics and other authorized Hirose distributors. For a list for distributors, please visit www.hirose.com.

For additional information about the DF40 Series connectors, please visit: www.hirose.com/us.

ABOUT HIROSE ELECTRIC

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over $1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: industrial, telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at www.hirose.com/us.