

ISSI Introduces Automotive Grade 256Mb SPI NOR Flash with 166 MHz Multi I/O SPI and DTR modes

MILPITAS, Calif., August 23rd, 2016 -- Integrated Silicon Solution, Inc. (ISSI), a leader in advanced memory solutions, today announced the IS25LP256D (3V) and IS25WP256D (1.8V), the newest 256Mb member of its Serial NOR Flash family. These high performance products feature read speeds up to 166 MHz in Single/Dual/Quad I/O and 80 MHz in double data rate (DTR/DDR) modes, delivering read performance of 80 MB/s as well as fast programming throughput of 1.28 MB/s. SPI Flash reduces the number of signals needed for connection to the host system, offering an excellent solution for systems with limited space, signal connections, and power. It is ideal for a broad range of applications, such as Automotive, Industrial, Medical, Communications, Networking, and IoT.

ISSI's SPI devices are offered in Automotive Grade supporting a temperature range of -40 to 125°C and are fully AEC-Q100 qualified. Both versions of 256Mb SPI flash, IS25LP256D (3V) and IS25WP256D (1.8V), are ramping into production and add to ISSI's extensive selection of flash components, including 256Kb- 128Mb SPI NOR, Parallel NOR, NAND, and HyperFlash™ products. ISSI provides long lifecycle product support as required by customer applications in Automotive, Industrial, and other high-reliability market segments. "The 256Mb introduction is another important step in ISSI's strategy to provide a broad portfolio of AEC-Q100 qualified flash products, further expanding the solutions available to key customers in the Automotive and Industrial markets we serve," said Lyn Zastrow, VP of ISSI's Automotive Business Unit.

"There is a growing demand for a reduced pin count, wide voltage, high-performance device with enhanced features and added functionality," said Johnny Chien, Flash Marketing Manager at ISSI. "This product along with our existing 256Kb to 128Mb Serial Flash, Parallel Flash, NAND, and HyperFlash™ solutions helps enable ISSI to provide a broad portfolio of High Quality Solutions to our customers."

In addition to this new product, ISSI offers a broad line of SDR, mobile SDR/DDR, DDR, DDR2, LPDDR2, DDR3, and DDR4 products, as well as a comprehensive line of Asynchronous and Synchronous SRAMs with densities from 64Kb to 72Mb, Automotive Grade Flash memory products, and Analog & Mixed-Signal products. And ISSI supports a range of Known Good Die (KGD) devices in its portfolio.

About Integrated Silicon Solution, Inc.

ISSI is a fabless semiconductor company that designs and markets high performance integrated circuits for the following key markets: (i) automotive, (ii) communications, (iii) industrial/medical, and (iv) digital consumer. The Company's primary products are high speed and low power SRAM and low, medium, and high density DRAM. The Company also designs and markets Serial/Parallel NOR and SLC NAND Flash Products and high performance analog and mixed signal integrated circuits. ISSI is headquartered in Silicon Valley with worldwide offices in Taiwan, Japan, Singapore, China, Europe, Hong Kong, India, and Korea. Visit our web site at <http://www.issi.com/>