

**Important PLD/GAL Component Revision Information for
PHYTEC phyCORE-MPC555 (PCM-001)**

Dear customer,

Lattice Semiconductor Corp. has recently discontinued several of their programmable logic device (PLD) devices due to an AMD fab closure. As a result the **PALLV16V8Z-20JI** has been discontinued. This device has been implemented on the PHYTEC **phyCORE-MPC555** Single Board Computer module (part number **PCM-001**) and all derivatives.

There is no pin-compatible replacement part available from Lattice Semiconductor. However, PHYTEC has found a compatible part from Atmel. The Atmel **ATF16LV8C-15JC/JI** will be implemented on the phyCORE-MPC555 (PCM-001 and all derivatives) in place of the **PALLV16V8Z-20JI**.

The two devices are almost fully compatible. Only a minor increase in power consumption of the new **ATF16LV8C-15JC/JI** device has to be noted. No significant differences in signals levels and timing characteristics between the two devices were seen in tests performed at PHYTEC.

As a result of the discontinuation of the Lattice **PALLV16V8Z-20JI** PHYTEC will only be able to supply Single Board Computer modules populated with the new Atmel **ATF16LV8C-15JC/JI** in the future. If you were using the above mentioned SBC modules in the past and intend to continue using these products no changes to your hardware or software are necessary.

Data sheets for the **PALLV16V8Z** and the **ATF16LV8C** are available on our web side under:

<http://www.phytec.com/manuals/datasheets.htm>

Please contact PHYTEC should you have any questions or concerns regarding this PLD update.

Best regards,

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