

**Purpose:** This Product Change Notification (PCN) is to provide notification to PHYTEC customers of component, process or other relevant engineering changes on a PHYTEC hardware subassembly. Impact, qualification, validation and approval of this change shall be documented on the corresponding Customer-Specific Modification (KSM/KSP) form for the PHYTEC hardware subassembly

Product affected / Release Date	
Notice Date: June10, 2014	LPN #: <b>LPN-131</b>
Date of Change: Customer Valid. Requ.	New Product Version:
PHYTEC Subassembly:	<b>phyBOARD-Wega AM335x</b>
<b>PHYTEC Subassembly Part #: PB-00802-xxx</b>	
<b>New PHYTEC Part #: PB-00802-xxx</b>	

Engineering Change (Component, Firmware, Process, other)		
Current Part		New Part
PL1405.1 PL1397.0	<b>PHYTEC Internal Part #</b>	PL1405.2 PL1397.1
variable	<b>Manufacturer</b>	
PL1405.1 PL1397.0	<b>Manufacturer Part #</b>	PL1405.2 PL1397.1
Carrier board and SOM PCB	<b>Description</b>	

Engineering Change Details
<p><b>Reason for Component Change:</b> Improvement of Direct Soldering Technique for production process optimization and stability of connection between SOM and Carrier Board.</p>
<ul style="list-style-type: none"> <li>(1) Mounting holes changes from 2.7mm to 2.6mm</li> <li>(2) DSC PADs changed from 550um to 675um</li> <li>(3) Mounting holes placed unsymmetrical for reverse voltage protection</li> <li>(4) PL1405.2: Changed mounting hole pad on bottom and top layer from 3.2mm to 4mm</li> <li>(5) PL1405.2: Line/space on top and bottom layer lowered to 100um</li> <li>(6) PL1397.1: Line/space on top layer lowered to 100um</li> <li>(7) PL1397.1: Changed mounting hole pad on bottom and top layer from 5mm to 4mm</li> <li>(8) PL1397.1: Mounting hole PAD on upper left side changed from rect. to circle</li> </ul>
<p><b>Referenced Component Documents:</b> none</p>

**Impact of Change**

Changes impact form and fit. No direct impact in function.

Please contact our support if you need any further information.

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