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: **February 13, 2013**	LPN #: **LPN-069e_2**
Date of Change: **KW07 2013**	New Product Version:
PHYTEC Subassembly:	**phyCARD-i.MX35**
PHYTEC Subassembly Part #: PCA-A-M1	
New PHYTEC Part #:	

Engineering Change (Component, Firmware, Process, other)		
Current Part		**New Part**
IP132	**PHYTEC Internal Part #**	IP157
ST-Ericsson	**Manufacturer**	ST-Ericsson
ISP1760ETGA	**Manufacturer Part #**	ISP1763A
High Speed USB Host Controller	**Description**	High Speed USB Host Controller

Engineering Change Details
Reason for Component Change: ST-Ericsson has terminated the Product ISP1760ETGA.
Referenced Component Documents: ST Ericsson PTN STE-ETC/10/5869 of 09.02.2010

Impact of Change

(1) USB Controller: impact in form, fit and function
(2)

Measures taken by PHYTEC

(1) Update the Scheamtic, which changes PCB Version from 1328.2 to 1328.3
(2) Integration the ISP1763A driver in the BSP of Linux and WinCE (WinCE BSP is not backward compatible)
(3) Changing /X_RESET_PER Pin by Controller from GPIO_2_6 (PIN V7) to GPIO_2_4 (PIN Y14)
(4) Additional debug Interface UART3 on X7 placed near JTAG interface X1
(5) swap X_UART1_RTS and X_UART1_CTS lines on the Controller

Recommended Measures for Customer

(1) Update operation system to newest PCB and BSP version, provided by PHYTEC.

Note:
Technical differences and similarities in the tables above may not be complete. Please refer to the manufacture datasheets for a complete comparison.

Please contact our support if you need any further information.

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