

PCN Tracking Number: PCN_ES_002

Issue Date: 2012-05-28

Product Change Notification

Product Part Number	ES-U-2101	Estimated implementation date – September 2012
Description of Change	New PCB design inside module, with some changes to components and mode selection jumpers/switches. The enclosure and overall function of the unit have not been changed.	Revision B will begin shipping once current inventory is depleted
Reason for Change	Updated to use new version of the USB-Serial Interface chip and to improve the selection of different serial modes.	
Detailed Description	<p>The following changes have been made:</p> <ul style="list-style-type: none"> • New 3-way DIP switch to improve the selection of the RS485/RS422 modes. • New 7 x 3 header block with jumpers to simplify the selection of termination and biasing resistors. • Internal 750-Ohm biasing resistors have been added which can be enabled using jumpers in the 7 x 3 header block. • Yellow and Green LEDs for Tx and Rx. These are located near to the USB connector. • Newer FTDI FT232RL USB-Serial chip is used in place of the FT232BL device. 	
Impact to Data sheet	The datasheet now includes a separate section for the ES-U-2101B as the revision B units have different switch and jumper settings compared to the original version. The updated user guide can be found on the following page: http://www.easysync-ltd.com/product-downloads	
Benefit of Change	Easier selection of the different serial modes and biasing resistors are now available internally to avoid the need to fit external resistors.	
Markings to distinguish revised from:	There are no external changes to the enclosure. The updated version can be identified by the part number: The ES-U-2101 is replaced by the ES-U-2101B	
Sample Availability	2012-05-15	
Risk Assessment, Fit Form and Function & reliability	Not applicable	
PDF Download	http://www.easysync-ltd.com/page/16/product-discontinuance-notice.html	
Others:	Both the original and updated versions are functionally identical. The new version has several improvements to make mode selection easier and avoid the need for external biasing resistors to be fitted.	