

**Date:** 02/09/2024 (Revised 03/26/2024)      **Top Level Product Part Number:** FG-RCV3000-01  
**Customer:** Various      **Top Level Product Description:** RCV3000 USB Receiver  
**Initiator:** Celadon      **Summary of Change:** New USB Controller

<b>Nature of Change</b> <input checked="" type="checkbox"/> Programming <input type="checkbox"/> Cosmetic <input type="checkbox"/> Packaging <input type="checkbox"/> Process <input checked="" type="checkbox"/> Material <input type="checkbox"/> Documentation <input checked="" type="checkbox"/> Vendor/Factory		<b>Reason for Change</b> <input type="checkbox"/> New Release <input type="checkbox"/> Revision to Existing <input checked="" type="checkbox"/> Design Change <input type="checkbox"/> Product Improvement <input type="checkbox"/> Post-Production Modification <input type="checkbox"/> Customer Request <input type="checkbox"/> Supplier Request <input type="checkbox"/> Material Change <input type="checkbox"/> Labeling Change <input type="checkbox"/> Other (explain below)		<b>Implementation Date:</b> 11/01/2020
<b>Cost &amp; Schedule</b> <input checked="" type="checkbox"/> No Cost Change <input type="checkbox"/> Cost Increase <input type="checkbox"/> Cost Decrease <input checked="" type="checkbox"/> No Schedule Change <input type="checkbox"/> Schedule Delay <input type="checkbox"/> Schedule Improvement		<b>Impact</b> <input checked="" type="checkbox"/> Incorporate on Next Order <input type="checkbox"/> Affects Current Production Units <input type="checkbox"/> Affects Units in Field <input checked="" type="checkbox"/> Not Affected (New Release)		
		<b>Stock</b> <input checked="" type="checkbox"/> Stock is not Affected <input type="checkbox"/> Utilize Remaining Stock <input type="checkbox"/> Purge Stock and Rework <input type="checkbox"/> Purge Stock and Scrap <input type="checkbox"/> Other (Explain below)		
		<b>Change Priority</b> <input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		

**Reason / Justification for ECN:** Replace the current FTDI USB Controller (PN: FT232RL) with Microchip PIC16F1459-I/SS. FTDI controller is EOL from the manufacturer and RCV-3000 design will be updated to use Microchip PIC to standardize MCU with USB controller across several different product lines.

Customers will need to verify drivers on new samples are compatible with their software application and/or make any necessary changes for compatibility based on VCP or D2XX drivers. No changes to device behavior, ASCII output strings, or other functionality.

### Description of Change

<b>From:</b> FTDI FT232RL USB Controller VCP or D2XX Device Drivers VID: 0403 PID: 6001 USB Descriptor: USB Serial Port	<b>To:</b> Microchip PIC16F1459-I/SS Windows/Linux USB Device Drivers VID: 04D8 PID: 003F USB Descriptor: RCV3000 USB Serial Device
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### Approvals and Date

**ECN Approved**     Yes     No

**Customer:**

Name:  
 Position:  
 Date:  
 Signature: