



POINT GREY

PRODUCT CHANGE NOTIFICATION

PCN #:	2009006A	PCN ISSUE DATE:	September 9, 2009												
PCN TITLE: Printed Circuit Board Revision to Add Physical Layer Port Protection															
REVISION:	1.1	CUSTOMER CONTACT:	sales@ptgrey.com												
TYPE OF CHANGE: <table border="0"><tr><td><input checked="" type="checkbox"/> Electrical Specification</td><td><input type="checkbox"/> Part Number</td></tr><tr><td><input type="checkbox"/> Mechanical Specification</td><td><input type="checkbox"/> Selling Price or Structure</td></tr><tr><td><input type="checkbox"/> Firmware Specification</td><td><input type="checkbox"/> DISC (Discontinued)</td></tr><tr><td><input type="checkbox"/> Regulatory or Compliance</td><td></td></tr></table>				<input checked="" type="checkbox"/> Electrical Specification	<input type="checkbox"/> Part Number	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Selling Price or Structure	<input type="checkbox"/> Firmware Specification	<input type="checkbox"/> DISC (Discontinued)	<input type="checkbox"/> Regulatory or Compliance					
<input checked="" type="checkbox"/> Electrical Specification	<input type="checkbox"/> Part Number														
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Selling Price or Structure														
<input type="checkbox"/> Firmware Specification	<input type="checkbox"/> DISC (Discontinued)														
<input type="checkbox"/> Regulatory or Compliance															
PLANNED FIRST SHIP DATE / SERIAL NUMBER: September 29, 2009 (serial number cutovers for specific part numbers available upon request)															
AFFECTED PART NUMBER(S): <ul style="list-style-type: none">The following standard FireWire product part numbers, 00-xx custom part numbers derived from one of the following, and other select custom FireWire products:<table border="0"><tr><td>Dragonfly2 DR2-xx</td><td>Flea2G FL2G-xx</td><td>Ladybug3 LD3-xx</td></tr><tr><td>Grasshopper GRAS-xx</td><td>Dragonfly Express DX-xx</td><td>Bumblebee2 BB2-xx</td></tr><tr><td>Firefly MV FFMV-xx</td><td>FirePRO FWB-HUB-xx</td><td>Bumblebee XB3 BBX3-xx</td></tr><tr><td>Flea2 FL2-xx</td><td>FirePRO FWB-PCIE-xx</td><td></td></tr></table>				Dragonfly2 DR2 -xx	Flea2G FL2G -xx	Ladybug3 LD3 -xx	Grasshopper GRAS -xx	Dragonfly Express DX -xx	Bumblebee2 BB2 -xx	Firefly MV FFMV -xx	FirePRO FWB -HUB-xx	Bumblebee XB3 BBX3 -xx	Flea2 FL2 -xx	FirePRO FWB -PCIE-xx	
Dragonfly2 DR2 -xx	Flea2G FL2G -xx	Ladybug3 LD3 -xx													
Grasshopper GRAS -xx	Dragonfly Express DX -xx	Bumblebee2 BB2 -xx													
Firefly MV FFMV -xx	FirePRO FWB -HUB-xx	Bumblebee XB3 BBX3 -xx													
Flea2 FL2 -xx	FirePRO FWB -PCIE-xx														
CHANGE DESCRIPTION: <p>The affected part numbers will undergo a minor revision to the printed circuit board (PCB) to add physical layer (PHY) port protection. The PHY chip is a sensitive electronic component that can be damaged by occurrences such as a late V_G event, Electro Static Discharge (ESD), or improper connection of FireWire cable.</p> <p>This electrical enhancement is considered to be a minor revision with no impact on CE or FCC emissions compliance, no impact on Electro Magnetic Compatibility (EMC), and no change to existing functionality during normal operation. Contact sales@ptgrey.com to request a serial number cutover or updated PCB version number for a specific part number.</p>															
REASON FOR CHANGE <ul style="list-style-type: none">Improve product reliability by minimizing the risk of damage to the PHY.															
ANTICIPATED IMPACT ON FIT / FORM / FUNCTION / RELIABILITY <ul style="list-style-type: none">No change to functionality during normal operation.Fewer returns for repair that result from damaged PHY's.															



POINT GREY

12051 Riverside Way | Richmond, BC, CANADA | V6W 1K7
T: 1.604.242.9937 | 1.866.765.0827 (toll free)

Document Number:	PCN2009006A
Revision Number:	1.0
Revision Date:	16-Sep-09
Document Availability:	Private Distribution

Document Number:	PCN2009006A
Revision Number:	1.0
Revision Date:	16-Sep-09
Document Availability:	Private Distribution

REFERENCE DOCUMENTS

- [KB Article 180: Common causes for physical layer \(PHY\) IC failure](#)