

# Product Change Notification



<b>Title:</b>	FireBird - Addition of Fan Controller
<b>Our reference:</b>	CN-0006-01
<b>Date:</b>	18th December 2012
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<b>Product(s) affected:</b>	<p>Active Silicon products affected by this change:</p> <ul style="list-style-type: none"> <li>• FireBird Camera Link Frame Grabber (1xCLD-2PE8): AS-FBD-1XCLD-2PE8</li> <li>• FireBird Camera Link Frame Grabber (2xCLD-2PE8): AS-FBD-2XCLD-2PE8</li> <li>• FireBird Camera Link Frame Grabber (2xCLM-2PE8): AS-FBD-2XCLM-2PE8</li> <li>• FireBird CoaXPress Frame Grabber (Single CXP-6): AS-FBD-1XCXP6-2PE8</li> <li>• FireBird CoaXPress Frame Grabber (Dual CXP-6): AS-FBD-2XCXP6-2PE8</li> <li>• FireBird CoaXPress Frame Grabber (Quad CXP-6): AS-FBD-4XCXP6-2PE8</li> </ul>
<b>Description of change:</b>	<p>These FireBird boards are being modified to include fan controller components. This is just a component change/addition and the PCB remains unchanged.</p>
<b>Affect that change has on operation:</b>	<p>Boards with the fan controller circuit and relevant firmware will control the speed of the fan automatically in response to the temperature of the main FPGA. This allows the fan to run much slower most of the time and generate much less noise.</p> <p>Note that the fan controller is only operational with new firmware. Initial products shipped with the fan controller fitted will not include this firmware, which will be supplied once release testing has been completed. The fan will operate at full speed on boards without the fan controller, or boards with the fan controller and existing firmware.</p>
<b>How to identify original and changed product:</b>	<p>Check the build issue on either the product label, or the box label. The following product has the fan controller:</p> <p>AS-FBD-<i>n</i>XCLy-2PE8: Build issues 01 and 02 marked with MOD REC B, plus build issues 03 and higher. Note that other MOD RECS may also be marked, it is only MOD REC B that defines the addition of the fan controller.</p> <p>AS-FBD-<i>n</i>XCXP6-2PE8: Build issues 01, 02 and 03 marked with MOD REC B, plus build issues 04 and higher. Note that other MOD RECS may also be marked, it is only MOD REC B that defines the addition of the fan controller.</p>
<b>Date that changed product will be shipped:</b>	<p>Based on anticipated sales volumes:</p> <p>AS-FBD-<i>n</i>XCLy-2PE8: Week 02 2013. AS-FBD-<i>n</i>XCXP6-2PE8: Week 05 2013.</p> <p>Note that this change has already been discussed with volume customers (and requested by some), hence the fast roll-out.</p>
<b>Notes:</b>	<p>To support existing user applications where the system has type approval etc, it will still be possible to order the original boards without the fan controller modification. However unmodified boards will no longer be a standard stock item and will be subject to longer lead times and higher prices. It is recommended that where possible customers move to the new version.</p>