

## PRODUCT CHANGE NOTIFICATION

Model numbers affected:

Old Model Number (now obsolete)	New Model Number
LR-F2812DAQ	LR-F2812DAQA
LR-F2812DAQ8X8	LR-2812DAQA8X8
LR-F28335DAQ	LR-F28335DAQA
LR-F28335DAQ8X8	LR-28335DAQA8X8

Summary

1. The four models listed above have been redesigned to eliminate the need for the external  $\pm 15V$  desktop power supply. An on-board inverter module is now used to generate the  $\pm 15$  volt sources from the 5V source present on the eZdsp development system, available at P2 pins 1 and 2.
2. For a three board stack-up consisting of an eZdsp board and two data acquisition boards (e.g. LR-F28335DAQA and LR-F28335DAQA8x8), each data acquisition board will generate its own  $\pm 15V$  supply voltages, eliminating the need for the board-to-board pigtail previously used.
3. One functional change has been made to all model numbers listed above. A power-up clear feature was added to the D/A circuit to guarantee that all 8 D/A outputs will be at 0 volts after a power cycle.
4. Any firmware written for the previous versions will also function with the new versions.
5. The new model numbers are RoHS compliant.

Compatibility

New and old versions of the boards listed above can coexist according to the following table:

	Old version of DAQ 8x8 board	New version of DAQ 8x8 board
Old version of DAQ board	100% compatible	Compatible, but requires old $\pm 15V$ supply for the old board
New version of DAQ board	Not compatible	100% compatible

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