<Notify162.doc>

To: All Dalf1F Motor Control Board Users   Date: 06/28/2007
From: Embedded Electronics, LLC   Re: Dalf-1F Code Release (1.62)

This is to notify you that Embedded Electronics has recently released new code for the Dalf-1F Motor Controller Product. The release does not affect the board hardware. If you have an earlier release and are happy with it, you may want to just keep it.

This interim release offers two benefits. The first is a minor improvement regarding synchronization of the motor response for the case of a closed loop command issued while the motor is running. The second is a new feature that can roughly be described as a command interface timeout option allowing automated motor shutdown if there is little or no activity on the command interface. You can see more details on this if you look at the section in the latest API or I2C2 documents which discuss it.

You can download the change-list documentation, but it only mentions the above two items. Continue to monitor the website for availability of the GUI (Graphical User Interface) that will be compatible with all firmware versions after 1.60.

If you decide that you want to upgrade, you have two options:

1)   Download the new Ver1.62 flash images from the EE website http://www.embeddedelectronics.net/ and use the boot loader (a bit tricky for first timers) to flash the new image onto your board. This option is free, but if you will be doing your own code development based on Ver 1.62 you will need the new development files on the Ver 1.62 CD. For the cost of shipping plus $5 handling, I will ship you a new CD.

2)   Return your board to Embedded Electronics. After verifying basic functionality, the board will be flashed with the new image free of charge. You will also receive a new CD when the board is returned. This option requires you to pay postage both ways. Ship the board with $250 damage insurance and good packaging, in the original box if available, and include a check for return postage plus $5 handling.

Regardless of how you choose to upgrade the firmware, it will be necessary to place new factory defaults into the Parameter Block (EEPROM), so you might want to make a hardcopy of your settings before the upgrade. If you have questions, don't hesitate to call or email.

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