

Software Updates (as of July 2013)

Changes and fixes to software for *Real-Time Digital Signal Processing: from MATLAB to C with the TMS320C6x DSPs*, 2nd edition, by Welch, Wright, and Morrow.

Item	Location	Note
ISRs.c	chapter_02\ccs\MyTalkThrough	Added missing "float temp;"
ch6_ISRs.c	chapter_06\ccs\Frm_EDMA_6748	Code now fully supports EDMA on the LCDK.
ISRs.c ch7_ISRs.c	chapter_07\ccs\FiltFrm chapter_07\ccs\FiltFrm_6748	Slight modification to "flip" the data samples, as needed for the convolution equation. This fixes the phase response of the filter. The 6748 code now fully supports EDMA on the LCDK.
many	common_code\LCDK	Added all files needed to support the LCDK board.
many	target_configuration\LCDK	Added all files needed to support the LCDK board.
many	appendix_a	Added CCS tutorial files for v5.1, v5.2, and v5.3 for the LCDK.
IIR_dump2C.m	appendix_e\MatlabExports	Greater precision for filter coefficients, and removes extra braces from output.
sos_dump2c.m	appendix_e\MatlabExports	The current m-file doesn't account for gain variables. Fix coming soon.
C8X_DEBUG.zip MatLab_C8X_DEBUG_API.pdf C8X_DAQ.zip MatLab_C8X_DAQ_API.pdf	appendix_e	Added all files needed to support the LCDK board.
many	pc_apps	Instructions (PDF file) and all necessary files (zip file) for reflashing the LCDK to enable winDSK8.
winDSK8	pc_apps\windsk8	Version 2.02 now available. Now supports all three boards (C6713 DSK, Logic PD OMAP-L138 Experimenters Kit, and TI OMAP-L138 LCDK).