

List of examples:

Item	Description	Link to project file	Readme	Freemaster page
1	General Purpose Input ISR Generation	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\gpioisr_example\	click here	
2	Hilbert FIR Filter	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\hilbfilt_example\	click here	click here
3	Low Power Timer and General Purpose Output Pin Control	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\lptmr_example\	click here	click here
4	Sigma-Delta ADC with FreeMASTER Communication	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\sdadc_example\	click here	click here
5	TWR-KM34Z50 LCD BASIC DEMO	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\tower_lcd_test\	click here	
6	TWR-KM34Z50 1PH POWER METER DEMO	c:\Freescale\KMSWDRV_EAR2_2\build\iar_6_50\projects\twr_emeter_demo\	click here	click here

Note: [TWR-KM34 K20 Generator FreeMASTER Page](#)

Software to install:

DevTools Software	Revision	Link	Instruction
Kinetis-M Bare metal drivers and examples	V2.2	http://cache.freescale.com/files/32bit/doc/ref_manual/KMSWDRVAPIRM_SW.zip?fsp=1	Run installation file for IAR: that is KMSWDRV_EAR2_2_IAR.exe
Kinetis-M Filter based metering algorithms and configuration tool	V1.0	http://cache.freescale.com/files/32bit/doc/app_note/AN4265SW.zip?fsp=1	Run installation two installtion files: METERLIB_EAR2_2_IAR.exe and
Freemaster	1.4.0	http://www.freescale.com/webapp/sps/site/prod_summary.jsp?code=FREEMASTER&tid=vanFREEMASTER	
IAR Workbench for ARM	6.70.1	http://www.iar.com/mypages	