Below are the instructions to use the USB2ANY with our Haptics EVMS.

- 1. Unzip and install the USB2ANYExplorer
 - a. <u>http://www.ti.com/lit/zip/slvc622</u>
- 2. Create the directory C:\Program Files (x86)\TI USB2ANY SDK\Firmware and place the
 - USB2ANY_2_7_0_0 USBCOM.txt file in the folder.
 - a. You will need administrative privileges to perform this action.
 - b. If the program is installed under "C:\Program Files\..." then create the firmware folder in this location.
- 3. Connect the USB2ANY to your computer and open USB2ANY Explorer.
- 4. Press the Advanced button.

Adapter connection -						
Type:	Rev:	A S	Serial	2DE0	0184727001F00 Firmware	Open Device
Activity logging						Select Interfaces
Log USB2ANY	' Explorer a	ctivity to	file:			Select Interfaces
C:\Users\a0	226762\Doo	cuments)	USB2AN	∕\Logs\U	JSB2ANY Explorer.log	
Debug logging						
Log debug inf	formation to	o file:				3.3V OFF
				01	CODANN Surlages ADT Debug las	
C:\Users\a0	226762\Doo	cuments)	USBZANY	r\Logs\U	JSB2ANY Explorer API Debug.log	
						5.0V OFF
🔲 Log packets t	o file					
C:\Ucorc\a0	226762\Dov	sumonte)		(Loge) P	acketLog.log	
0.103013100	220702 (000	connentas	(0002/14)	(Logs(i	ucketeby.log	
					Get Support Info	
					Get Support Info Open Log Folder Advanced	
					Open Log Folder	Log Comment
					Open Log Folder	Log Comment
					Open Log Folder	Log Comment
imestamp	Module	R/W	Addr	Len	Open Log Folder Advanced	Log Comment
imestamp 016-12-01 14:08:4	INFO				Open Log Folder Advanced	Log Comment
imestamp 016-12-01 14:08:4 016-12-01 14:08:4	INFO INFO				Open Log Folder Advanced Data/Message Debug logging is Disabled Packet logging is Disabled	Log Comment
tivity Log: Imestamp 016-12-01 14:08:4 016-12-01 14:08:4 016-12-01 14:08:5	INFO INFO INFO				Data/Message Debug logging is Disabled Packet logging is Disabled Activity logging is Disabled Activity logging is Enabled	Log Comment
imestamp 016-12-01 14:08:4 016-12-01 14:08:4	INFO INFO INFO INFO				Data/Message Debug logging is Disabled Packet logging is Disabled Activity logging is Enabled Target Power: 3.3 vis OFF, 5.0 vis OFF, Adj is OFF	Log Comment
Timestamp 016-12-01 14:08:4 016-12-01 14:08:4 016-12-01 14:08:4 016-12-01 14:08:5	INFO INFO INFO INFO INFO				Data/Message Debug logging is Disabled Activity logging is OFF, Joy is OFF, Adj is OFF Found 1 USB2AW controller.	Log Comment
imestamp 016-12-01 14:08:4 016-12-01 14:08:4 016-12-01 14:08:5 016-12-01 14:08:5 016-12-01 14:08:5	INFO INFO INFO INFO INFO INFO				Data/Message Debug logging is Disabled Packet logging is Disabled Activity logging is Enabled Target Power: 3.3 vis OFF, 5.0 vis OFF, Adj is OFF	Log Comment
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5. Press the Update Firmware button.

Advanced Settings		X
API Profiling Enable API profiling Test		
Reset Controller		
Update Firmware		
	ОК	Cancel

6. Press the Update Firmware button (again) USB2ANY Firmware Loader

Avai	lable devices:			
#	Туре	Serial Number	Firmwar	e Driver
-				Refresh List
Upda	ate to firmware	version:	-	
USB	2ANY_2_7_0_0) - USBCOM.txt (recomm	ended)	-
	-Instructions:			
	Select the device for which you want to update the firmware, then click the Update Firmware button.			
		Update Firmware		
			[Done

- 7. In the following window, press the Update Firmware (yet again).
 - a. If the USB2ANY is not discoverable, unplug the device. Use a small screwdriver (or mechanical pencil) to press the BSL button inside the device (to the side of the USB port) and reconnect the USB with the BSL pressed.
- 8. After successful update, you should see a confirmation message.
- 9. Refer to the picture below for the correct I2C pins. We recommend the use of female-female jumpers to connect to the I2C pins in the EVM boards.
- 10. At any point in time, when prompted with the below message, hit "Cancel."

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to	The connected <unknown device=""> requires a firmware update to version 2.7.0.0. Serial Number: D00E916F2A002400 Current version is: UNKNOWN The update takes only a few seconds and does not require an Internet connection.</unknown>
	OK Cancel

SCL	http://www.tl.com/430haptics
SDA Ground	

In order to connect the EVM to Haptics Control Console, please follow the instrunctions in the EVM's User Guide.

Note: This is a temporary solution. We will work on integrating the DRV-USBCOM-EVM functionality to the USB2ANY as a permanent solution.