

## **Tlesr Building and Running in CCS for C5535 ezdsp**

To build and run the keyword trigger demonstration on the C5535 ezdsp, do as follows:

1. Open CCS.
2. Navigate to C:\ti\c55\_lp\c55\_csl\_xxxx\demos\Tlesr\c5535\Tlesr\_C55\_demo
3. Import the following projects into the CCS workspace:
  - TlesrDemoC55
  - TlesrEngineC55

NOTE: Ensure that DSP/BIOS real-time operating system v5.42.0.7 is installed before building the project.

4. Navigate to the CSL source folder (C:\ti\c55\_lp\c55\_csl\_xxxx\ccs\_v6.x\_examples)
5. Import the following projects into the CCS workspace:
  - C55XXCSL\_LP
6. Navigate to Properties→Build→C5500 Compiler→Processor Options in C55XXCSL\_LP.
7. Change Specify memory model to huge.
8. Change Specify type size to hold results of pointer math to 32 if not specified inProperties→Build→C5500 Compiler→Advanced Options→Runtime Model Options.
9. Uncheck use large memory model if checked.
11. Navigate to C:\ti\c55\_lp\c55xx\_csl\_xxxx\inc\csl\_general.h  
change #define CHIP\_C5517 to //#define CHIP\_C5517. Ensure the C5535\_EZDSP macro is defined
12. Rebuild C55XXCSL\_LP.
13. Once #12 is complete, right-click on TlesrDemoC55 and select Build Project. This action creates TlesrDemoC55.out in the Debug folder.