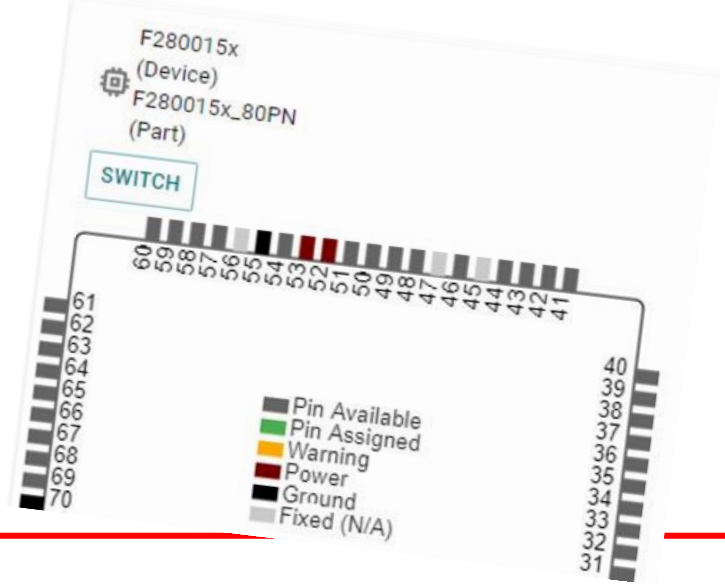
ONE CLICK MIGRATION

C2000 DEVICE FAMILIES



Migrate Across C2000 Device Families

SysConfig Demonstration

Efficient Device Migration using the C2000 SysConfig Tool

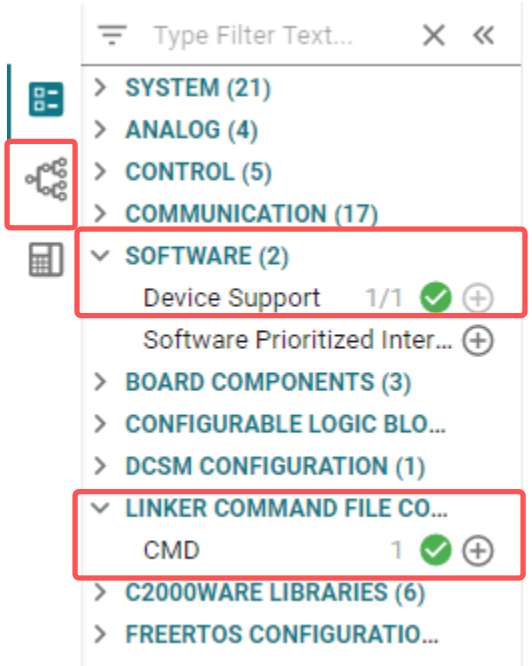
Demonstration Summary

- Start with Universal project example for TMS320F28004x device family
- Project will make use of the following modules
  - Linker CMD Tool
  - ClockTree Tool
  - Device support
- Migrate configurations using the SysConfig ‘switch’ button
  - Resolve any compatibility issues

Helpful SysConfig tools

Moving static files to auto-generated GUI based SysConfig support

- ClockTree Tool
  - Clock configurations can be different
- Device Support
  - device.c/.h files are autogenerated by SysConfig
- Linker Command Tool
  - Each device has unique memory structure



Resources

- Video Series:
  - 7.1 C2000™ SysConfig: Overview
  - 7.2 C2000™ SysConfig: Getting Started
  - 7.3 C2000™ SysConfig: PinMux
  - 7.4 C2000™ SysConfig: Board Support
  - 7.5 C2000™ SysConfig: Example Walkthrough
  - 7.6 C2000™ SysConfig: Migrate C2000 Devices in under 10 minutes
- Benefits of C2000 SysConfig:
  - Speed Up Development With C2000™ Real-Time MCUs Using SysConfig
- Application report - step by step guide for using C2000 SysConfig:
  - C2000 SysConfig
- SW getting started Guide
  - https://software-dl.ti.com/C2000/docs/software_guide/c2000_sysconfig.html

Migrating configurations with existing SysConfig project summary

- Start with existing project example for TMS320F28004x device family
- Project will make use of the following modules
  - EPWM
  - ADC
  - GPIO
  - SCI
  - Linker CMD Tool
  - ClockTree Tool
  - Device support
- Migrate configurations using the SysConfig ‘switch’ button
  - Resolve any compatibility issues