

Remote TI CC2533

File name	Description
Application	
rcn_config.c	Network layer configuration file. The file contains global variables with initial values which are used as configuration parameters by RemoTI network layer.
rsa_main.c	C main routine implementation which calls all necessary initialization and then calls OSAL
rsa_osal.c	OSAL task definition and initialization
rsa_point.c	Advanced remote application code implemented on top of RemoTI application framework
zid_cld_app_helper.c	Advanced ZID function for non-standard descriptor. Can be used for specific non-standard descriptor. Used for IOT.

HAL	
hal_assert.c	HAL assertion library
hal_drivers.c	Entry point for congregation of HAL drivers, such as initialization for all HAL drivers, HAL task, as an OSAL task, entry point (event handler) and polling entry point.
hal_rpc.h	Remote procedure call enumerations
hal_accel.c	KXTI9 Accelerometer device driver
hal_aes.c	AES device driver
hal_batmon.c	CC2533 Battery Monitor driver
hal_board_cfg.h	RemoTI advanced remote hardware specific configuration parameters and macros used by HAL. Application also frequently uses board definition literal (HAL_BOARD_CC2533ARC_RTM) and HAL feature flags (HAL_KEY, HAL_LED, etc).
hal_buzzer.c	Buzzer device driver
hal_ccm.c	CCM implementation using AES device driver
hal_dma.c	DMA device driver
hal_flash.c	CC2533 flash device driver
hal_gpiodbg.c	Driver for spare GPIO pins
hal_gyro.c	IMU-3000 Gyro device driver
hal_i2c.c	I2C driver
hal_key.c	Key matrix driver
hal_motion.c	Motion Sensor subsystem (Gyro + Accelerometer control) driver.
hal_sleep.c	Sleep mode (PM1, PM2, PM3) control implementation
hal_startup.c	Low level initialization code
hal_vddmon.c	Vdd monitoring service

Libraries	
AIR_MOTION_LIB_2G3A-NEAR.r51	Movea motion sensor data processing library built for the near code model. This library will be selected for the F64 configuration.
AIR_MOTION_LIB_2G3A-Banked.r51	Movea motion sensor data processing library built for the banked code model. This library will be selected for the F96 configurations.
OSAL	
OSAL.c	OSAL implementation for messaging and main event handling loop
OSAL_Clock.c	OSAL clock tick implementation
OSAL_Memory.c	OSAL heap implementation
OSAL_PwrMgr.c	OSAL power management scheme implementation
osal_snv.c	OSAL Simplified Non-Volatile memory manager. This has better code size optimization than OSAL_Nv.c module.
OSAL_Timers.c	OSAL timer implementation
OSAL_Math.s51	Optimized assembly function for division calculation
PROFILES	
gdp.c	Implements GDP profile
rti.c	RemoTI application framework implementation
rti_testmode.c	RemoTI test mode API function implementation
zid_class_device.c	Implements a ZID Profile Class Device
zid_common.c	Common definitions for a ZID Profile Device