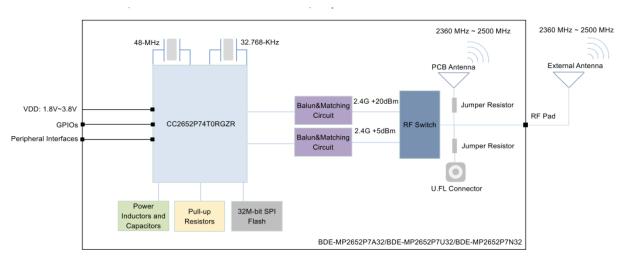


## Introduction

This user guide is for BDE-MP2652P7, a Wireless Module based on TI CC2652P7. It is a quick start guide for how to connect the module with the evaluation board BDE-EVB07 or with the TI launchpad, and how to build the first application. It also shows a demo for how BDE-MP2652P7 receives a data packet that is sent from the mobile terminial.

## Hardware Diagram



A. Block Diagram

## B. RF Switch True Table

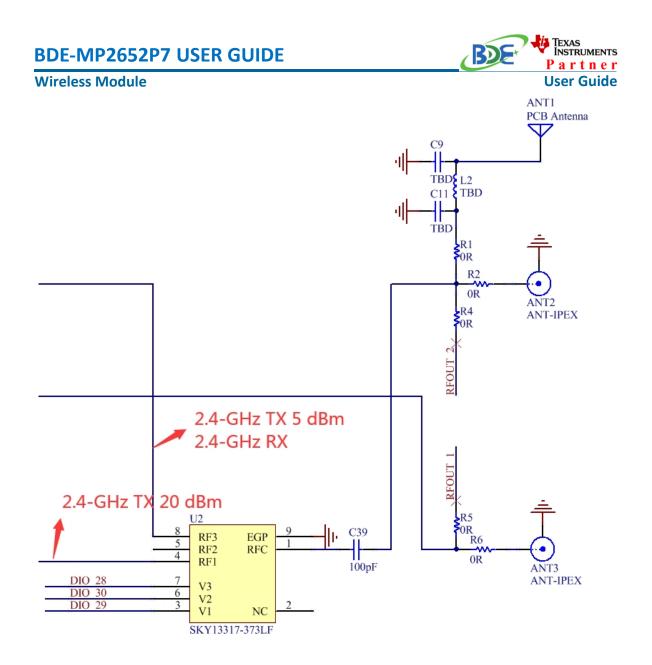
#### Table 4. SKY13317-373LF Truth Table

Low Insertion Loss Path	V1 (Pin 3)	V2 (Pin 6)	V3 (Pin 7)
RFC to RF1	High	Low	Low
RFC to RF2	Low	High	Low
RFC to RF3	Low	Low	High

Note: "High" = 1.8 to 5.0 V. "Low" = 0 to 0.25 V. Any state other than described in this Table places the switch into an undefined state. An undefined state will not damage the device.

## C. Antenna Selection Schematic

The module is using the switch to select 5 dBm or 20 dBm TX power and also the RX path for the 2.4-GHz band. Sub-1GHz band is standalone for having its own antenna.



## **Get Ready**

The following tools are recommended to develop with BDE-MP2652P7. Hardware tools:

- BDE-MP2652P7 BDE-MP2652P7-BDE Technology Inc. (bdecomm.com))
- Two BDE-ADP208 V1.0 (adaptor board)
- PC or Laptop
- A BDE-EVB07 ( BDE-EVB07-BDE Technology Inc. (bdecomm.com))
- USB cable for power supply and debugging

Software tools:

• Terminal software such as CCS, IAR.

### Wireless Module



- <u>CCS download</u>
- Software Development Kit (SDK)
- Lightblue

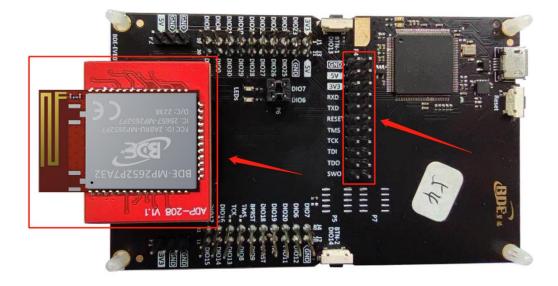
## **Build Your First Application**

Once have the Hardware and Software tools in place, please following the following steps:

A. Connect the Hardware

If chose EVB07:

Use USB cable to connect EVB07 and PC or laptop. Plug BDE-MP2652P7 with the adaptor board into the dev board and connect all the pins with Jumpers as the following picture shows.



B. Build the Application

## Download and install the CCS and SDK

From the above links, follow the instructions in the following steps to download and install the CCS and SDK.

CCS Installation

#### Wireless Module



1. Click on this option

CCSTUDIO-WCS	Download
Overview Downloads	Technical documentation Support & training
Downloads	
	IDE, CONFIGURATION, COMPILER OR DEBUGGER  CCSTUDIO — Code Composer Studio (CCS) Integrated Development Environment (IDE)
	Code Composer Studio is an integrated development environment (IDE) that supports TI's Microcontroller and Embedded Processors portfolio. Code Composer Studio comprises a suite of tools used to develop and debug embedded applications. It includes an optimizing C/C++ compiler, source code editor ()
	Supported products & hardware

## 2. Select an option to download CCS

Download options	×
Code Composer Studio (CCS) Integrated Development Environment (IDE)	
Version: 10.3.0.00007 Release date: 05 Apr 2021	
SINGLE FILE INSTALLERS	
equal Windows single file installer for CCS IDE (1181753652 KB)	
$ \underline{\downarrow} $ Linux single file installer for CCS IDE (1102001729 KB)	
$ \underline{\downarrow} $ macOS single file installer for CCS IDE (1083552986 KB)	
ON-DEMAND INSTALLERS	
↓ Windows on-demand installer for CCS IDE (40136960 KB)	
$ \underline{\downarrow} $ Linux on-demand installer for CCS IDE (25338386 KB)	

## 3. Unzip the package to a local disc



4. Click the setup of CCS

BDE-MI	P2652P7 USER GUIDE	BDE	TEXAS INSTRUMENTS Partner
Wireless I	Vodule		User Guide
•	📙 binary	2021/3/29 21:38	
	📙 CCS10.3.0.00007_win64	2021/4/19 11:23	
	📜 components	2021/3/29 21:38	
•	📜 features	2021/3/29 21:38	
•	artifacts.jar	2021/3/29 21:38	
	🏟 ccs_setup_10.3.0.00007.exe	2021/3/29 21:37	
	content.jar	2021/3/29 21:38	
	README_FIRST_win64.txt	2021/3/29 21:38	
	timestamp.txt	2021/3/29 21:38	

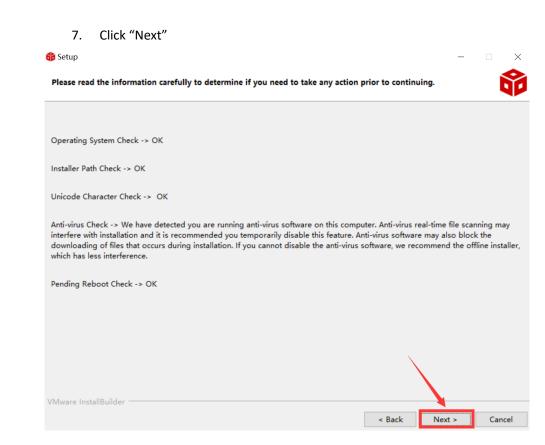
🎁 Setup		_		×
	Setup - Code Composer Studio 10.3.0.00007			
	Welcome to the Code Composer Studio 10.3.0.00007 Setup Wizard.			
code composer™ s ד ט ם ו ס				
	< Back Next	>	Canc	el

5. Click "Next"

6. Select the default option

### **Wireless Module**

ss Module	User Guide
😚 Setup	- 🗆 ×
License Agreement	
Please read the following License Agreement. You must accept the terms of this agreement before continuing w	ith the installation.
TECHNOLOGY SOFTWARE FUBLICLY AVAILABLE	^
Copyright (c) 2016 Texas Instruments Incorporated	
All rights reserved not granted herein.	
Limited License Agreement.	
This Limited License Agreement ("Agreement") is a legal agreement between you (either an indiv entity) and Texas Instruments Incorporated ("TI"). The "Software" consists of the following m the materials identified as TI proprietary software programs in the software manifest for the subject to the terms herein, and any "on-line" or electronic documentation associated with the any portion thereof (the "Licensed Materials"), and (b) the materials identified as open sourc third party proprietary software in the software manifest for the Software, or any portion the Software"). For clarification, your use of the Licensed Materials is subject to the licensing contained in this Agreement and your use of the Public Software is subject to the separate lic specified in the applicable software manifest and/or identified or included with the materials supply. This Agreement does not limit your yights under or grant usy wights that curred.	naterials: (a) software see programs, or ce materials or preof ("Public g terms sensing terms
Do you accept this license? I do not accept the agreement	
VMware InstallBuilder	t > Cancel



TEXAS INSTRUMENTS

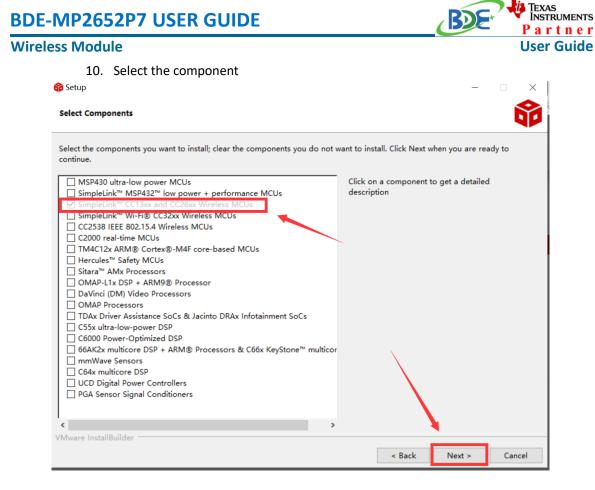
**Partner** 

RDE

BDE-MP2652P7 USER GUIDE	P a r t n e
Wireless Module	User Guide
8. Select the Installation Directory	
😚 Setup	- 🗆 🗙
Installation Directory	Ŷ
Please specify the directory where Code Composer Studio 10.3.0.00007 will be installed.	
Installation Directory C:\ti\ccs1030	
VMware InstallBuilder	< Back Next > Cancel

9. Select the default option

😚 Setup		_		$\times$
Setup type			Í	Ŷ
Choose the installation type that you prefer				
<ul> <li>Custom Installation (Recommended)         This selection allows for selecting which device families and debug probes will be supported         the amount of disk space used and improve performance. It is possible to modify selection         installer again.     </li> <li>Full Installation</li> </ul>				uce
This selection installs support for all device families and debug probes. Approximately 4GB not all device families and debug probes are supported on Linux and macOS.	of disk space i	is require	d. Not	e that
VMware InstallBuilder				
< Ba	ack Nex	t >	Cano	:el



## 11. Select the default option

😚 Setup	-	□ ×
Install debug probes		
Select the debug probes you want installed.		
<ul> <li>Spectrum Digital Debug Probes and Boards</li> <li>Blackhawk Debug Probes</li> </ul>		
SEGGER J-Link		
	$\mathbf{h}$	
VMware InstallBuilder	< Back Next >	Cancel

# TEXAS INSTRUMENTS **BDE-MP2652P7 USER GUIDE** RUC Partner **Wireless Module User Guide** 12. Click "Next" $\times$ 📸 Setup Unsupported Boards Ý Please note, the following debug probes and boards with onboard debug probes are not supported: XDS510 Debug Probes C6x1x DSP Starter Kit C5510 DSP Starter Kit C5509 DSP Starter Kit VMware InstallBuilder < Back Next > Cancel

Setup			_		×
Ready to Install				Í	Ŷ
etup is now ready to begin installing Code Composer Studio 10	0.3.0.00007 on you	ir computer.			
		χ.			
Mware InstallBuilder					

-MP2652P7 USER GUIDE	BDE	Partner
less Module		User Guide
14. Waiting for installation to complete		
😚 Setup	_	
a Installing		Ŷ
Please wait while Setup installs Code Composer Studio 10.3.0.00007 on your computer.		
Installing Unpacking C:\Users\bd[]dio.installer.msvc.2017.win32_14.11.25325.jar		
VMware InstallBuilder		

# Software Development Kit (SDK) installation

C2652P7 🔮 🗠	ΠVE	Data sheet Order now
oduct details Tech	nical documentation Design & development Ordering & quality Support & training	
Technical article	Your microcontroller deserves a nap – designing "sleepy" wireless applications	28 Mar 2018
esign & deve		
colgi a acve		
-		
_	ired resources, click any title below to view the detail page where available.	
-	ired resources, click any title below to view the detail page where available.	
additional terms or requ	ired resources, click any title below to view the detail page where available.	
additional terms or requ	irred resources, click any title below to view the detail page where available.  ment Software development Design tools & simulation CAD/CAE symbols  SOFTWARE DEVELOPMENT KIT (SDK)	Evaluate in the cloud
additional terms or requ	irred resources, click any title below to view the detail page where available. ment <u>Software development</u> <u>Design tools &amp; simulation</u> <u>CAD/CAE symbols</u> <u>SOFTWARE DEVELOPMENT KIT (SDK)</u> <u>SIMPLELINK-CC13XX-CC26XX-SDK</u> SimpleLink <sup>™</sup> CC13xx and CC26xx software	
additional terms or requ Hardware develop	irred resources, click any title below to view the detail page where available.  ment Software development Design tools & simulation CAD/CAE symbols  SOFTWARE DEVELOPMENT KIT (SDK)	Evaluate in the cloud Download options
additional terms or requ Hardware develop	irred resources, click any title below to view the detail page where available.  ment Software development Design tools & simulation CAD/CAE symbols  SOFTWARE DEVELOPMENT KIT (SDK)  SIMPLELINK-CC13XX-CC26XX-SDK Gevelopment KIT (SDK)  The SimpleLink <sup>™</sup> CC13xx and CC26xx software development kit (SDK) provides a comprehensive software package for the	
additional terms or requestion of terms or requestion of the terms of terms of terms of terms of terms of terms	ired resources, click any title below to view the detail page where available. Imment Software development Design tools & simulation CAD/CAE symbols SOFTWARE DEVELOPMENT KIT (SDK) SIMPLELINK-CC13XX-CC26XX-SDK SimpleLink™ CC13xx and CC26xx software development KIT (SDK)	

#### **Wireless Module**

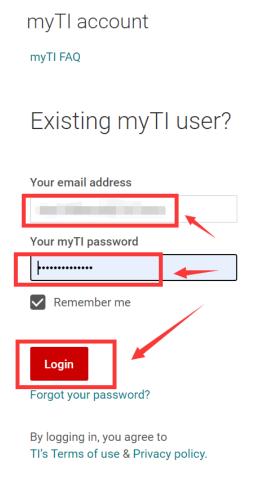


### 2. Select an option you need to download SDK

Download options

SIMPLELINK-CC13XX-CC26XX-SDK — SimpleLink™ CC13xx and CC26xx software development kit (SDK)				
Latest version Version: 6.40.00.13 Release date: 19 Dec 2022				
2 Release notes 2 View all versions				
Downloads Supported products & hardware				
Windows Installer for SimpleLink CC13XX CC26XX SDK — 838130 K	Checksum 68753d7c2c0ce364993b5562c78e00e7			
Linux Installer for SimpleLink CC13XX CC26XX SDK - 835066 K	Checksum 36bface6193296352c32d45577ab7ee1			
a Mac OS Installer for SimpleLink CC13XX CC26XX SDK − 830397 K	Checksum ef17961f4f6605ff827887e9df26990d			

3. Log in to your TI account, if you are a new user, register a TI account first



### **Wireless Module**



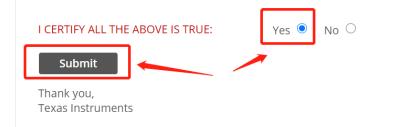
4. Select "civil" if your application is for civil use

	U.S. Government export approval:		
ort	All fields are Required. Incomplete information will be DENIED.		
II	First name:		
e will d 1-	Last name:		
	Your email address:		
	Your full company/university name:		
	Country this file will be used in:		
	What end-equipment/application will you use this file for:		
	□ Military ☑ Civil		
	l certify that the following is true:		

### 5. Select "Yes" and submit

compliance with any such import, use, or export restrictions.

- I / We hereby certify that we will adhere to the conditions above.
- I / We do not know of any additional facts different from the above.
- I / We take responsibility to comply with these terms.
- I / We understand we are responsible to abide by the most current. versions of the Export Administration Regulations and other U.S. export and sanctions laws.



6. Download SDK

**Wireless Module** 

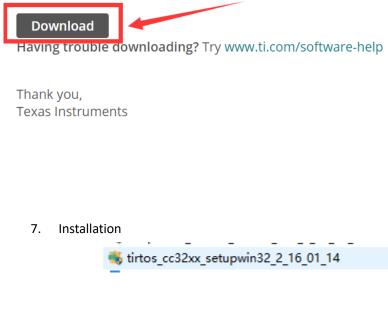


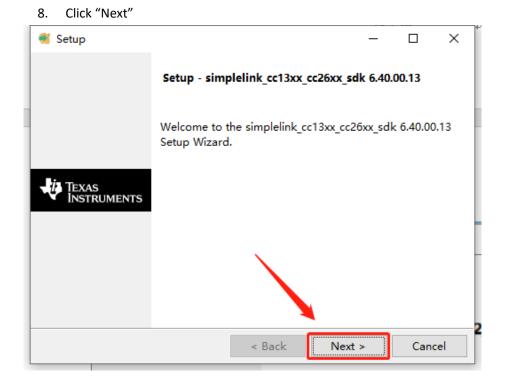
TI Home

# **TI Request**

# You have been approved to receive this file. Click "Download" to proceed.

In a few moments, you will also receive an email with the link to this file.





### Wireless Module



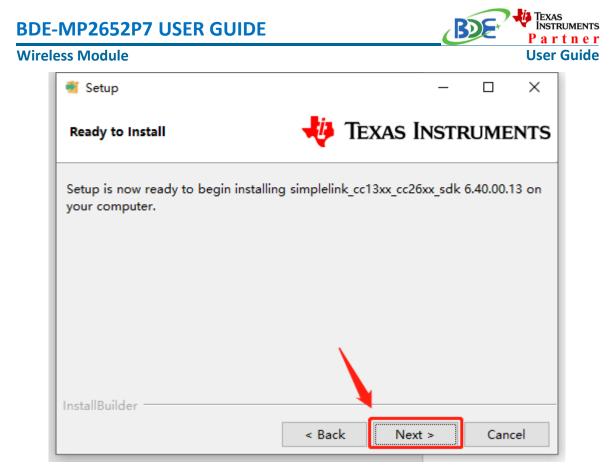
9. Select the default option

Setup	_		×
License Agreement TEXAS I	NSTI	RUME	NTS
Please read the following License Agreement. You must acce agreement before continuing with the installation.	pt the t	terms of t	this
Copyright (c) 2015, Texas Instruments Incorporated All rights reserved not granted herein. Limited License. Texas Instruments Incorporated grants a world-wide non-exclusive license under copyrights and patents	e, roya	-	< e, v
Do you accept this license? I accept the agreement InstallBuilder	nent		
< Back Nex	t >	Cano	el

10. Select the Installation directory

Setup	_		×
Installation Directory 🕂 🐺 TEXAS II	NSTF	RUME	NTS
Please specify the directory where simplelink_cc13xx_cc26xx_s installed.	dk 6.4	0.00.13 w	ill be
The following directories will be created in this directory:			
simplelink_cc13xx_cc26xx_sdk_6_40_00_13 sysconfig_1.15.0 xdctools_3_62_01_15_core			
Installation Directory	<b>10</b>		
InstallBuilder < Back Next	>	Cano	el

11. Click "Next"



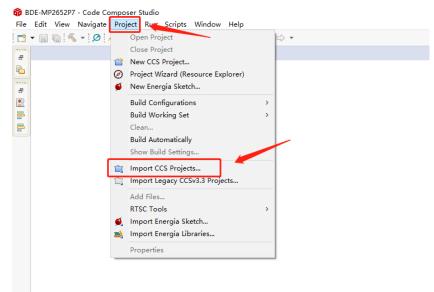
## 12. Waiting for installation to complete

Setup		-	-		×
Installing	Texa	s Ins	TRI	JME	NTS
Please wait while Setup installs simplelink_cc1 computer.	жх_сс26х	c_sdk 6.40	).00.1	3 on ye	our
Installing					
Creating directory G:[]rce\ti\ti_wisunfan\	wisunfan_	mac\com	mon\	board	5
InstallBuilder					
< Ba	k	Next >		Canc	el

#### Wireless Module



- Run an example/demo code
  - 1. For the first module, find the option named "Import CCS project..."



2. According to the following path to find the sending end project: ti\simplelink\_cc13xx\_cc26xx\_sdk\_6\_40\_00\_13\examples\rtos\LP\_CC135 2P7\_4\ble5stack\simple\_peripheral

(Since TI does not have a dedicated SDK for CC2652P7, we use LP\_CC1352P7\_4 instead, which can also run normally on CC2652P7 devices)

📦 Import CCS Projects	—	
Import CCS Projects		
Import existing CCS Project	s or example CCS Projects.	
Select search-directory:	C:\ti\simplelink_cc13xx_cc26xx_sdk_6_40_00_13\exam	Browse
◯ Select archive file:		Browse
Discovered projects:		
🔽 🗟 simple_periphera	l_LP_CC1352P7_4_tirtos7_ticlang [tirtos7/ticlang/simpl	Select All
		Deselect All
	>	Refresh
Automatically import refe	erenced projects found in same search-directory space	
Open <u>Resource Explorer</u> to	browse a wide selection of example projects	
?	Finish	Cancel

### Wireless Module



- 3. Open the file: simple\_peripheral.syscfg 😚 BDE-MP2652P7 - Code Composer Studio File Edit View Navigate Project Run Scripts Window Help 📩 • 📓 🕼 • 🖉 🖋 • 📮 🖻 🗏 🐐 • 🚇 • 🏷 -\* -> • 🖻 😫 🍸 🕴 🗖 Project Explorer 🛛 Simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang [Active - Release] > 劑 Generated Source > 🗊 Includes > 📂 Application > 👝 Drivers ⇒ 👝 iCall ⇒ 👝 iCallBLE > 👝 Include > 📂 NPI > 📂 Profiles > 👝 Release > 👝 Startup > 📂 targetConfigs > 🍃 cc13x2x7\_cc26x2x7\_app\_tirtos7.cmd 🕀 Board.html README.html 🖇 simple\_peripheral.syscfg
- 4. Chang the "0xC1" to "0x00".

💲 sii	mple_peripheral.syscfg 🛛			
	⊤ Type Filter Text	$\times \ll$	$\leftarrow$ $\rightarrow$ Software $ ightarrow$ Device Configuration	
82	V RF STACKS (7) BLE A0A	÷	Device Configuration	
	BLE 1/1 Custom TI-OpenThread TI 15.4 Stack TI Wi-SUN FAN Stack Z-Stack	<ul> <li></li></ul>	Description The CCFG area is the last flash memory sector and must contain a Customer Configuration configuration is done by simply letting Syscfg generate the file ti_devices_config.c and incl o Detailed Field Description o API access	
	<ul> <li>MULTI-PROTOCOL (1) DMM</li> <li>TLDE/UCES (1) Device Configura 1/1</li> <li>RF DESIGN (1)</li> </ul>	<b>3</b>	Force VDDR Enable DCDC LF Clock Source XOSC Cap Array Modification	LF XOSC
	RF Design 1/1 V TI DRIVERS (35) Display 1/3 ADC ADCBuf AESCBC AESCCM 1 AESCALC		XOSC Cap Array Delta XOSC Cap Array Delta HF Clock Source RF Temperature Compensation Enable Bootloader Enable Bootloader Enable Bootloader Bootloader Backdoor	0xC1 48 MHz XOSC_HF 3 3 4 5

5. Right Click the project to build the receiving end project

### **Wireless Module**



BDE-MP2652P7 - simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang/simple\_peripheral.syscfg - Code Composer S File Edit View Navigate Project Run Scripts Window Help

File Edit view Navigate Project Run Scripts win	aow	нер	
📩 🗕 🕼 🔦 🖌 🖉 💉 🖻 🔝 🗐 🎄 🛧 🖗	•	*> -* -> -> ->	
Project Explorer 🛛 🕞 🕏 🍸 🕴		🖇 simple_peripheral.syscfg 🛛	
simple_peripheral_LP_CC1352P7_4_tirtos7_ticlang	[A.++is		
> 🗊 Generated Source		New	>
> 🖑 Binaries		Show In	Alt+Shift+W >
> 🗊 Includes		Show in Local Terminal	>
> 👝 Application		Add Files	
> 🗁 Drivers	Real		culue.
> 👝 iCall		Сору	Ctrl+C
> 👝 iCallBLE	Ē	Paste	Ctrl+V
> 🗁 Include	×	Delete	Delete
> 🔁 NPI		Refactor	>
> 👝 Profiles		Source	>
> 👝 Release		Move	
> 🔁 Startup		Rename	F2
> 🔁 targetConfigs			
> b cc13x2x7_cc26x2x7_app_tirtos7.cmd		Import	>
leard.html		Export	
README.html		Show Build Settings	
§ simple_peripheral.syscfg		Build Project	
		Clean Project	
	Г	Rebuild Project	
	8	Refresh	F5
	\$ <u></u>		61
		Close Project	

### 6. Click this bug icon (means download and debugging)

BDE-MP2652P7 - simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang/Profiles/simple\_ga
File Edit View Navigate Project Run Scripts Window Help

· · · · · · · · · · · · · · · · · · ·	
	*
Simple_peripheral_LP_CC1352P7_4_tirtos7_ticlage	
> 🗊 Generated Source	660 * 661 * @return SUCCESS
> 🐰 Binaries	662 */
> 🔊 Includes	663 bStatus_t simplePro
> 👝 Application	664
> > Drivers	665
	666 667 {
> 👝 iCall	668 bStatus t status
> 👝 iCallBLE	669 uint8 notifyApp :
> 👝 Include	670
> 🔁 NPI	671 if ( pAttr->type
🗸 🗁 Profiles	672 { 673 // 16-bit UUID
> 🔒 devinfoservice.c	673 // 16-bit UUID 674 uint16 uuid = E
> 🙀 devinfoservice.h	675 switch ( uuid )
> 🙀 gatt_profile_uuid.h	676 {
	677 case SIMPLEPF
> 🛃 simple_gatt_profile.c	678 case SIMPLEPF
> 🙀 simple_gatt_profile.h	679 680 //Validate
> 👝 Release	681 // Make sur
> 👝 Startup	682 if ( offset
> 👝 targetConfigs	683 {
> a cc13x2x7 cc26x2x7 app tirtos7.cmd	684 if (len
Roard.html	685 {
	686 status 687 }
	688 }
😫 simple peripheral.syscfq	

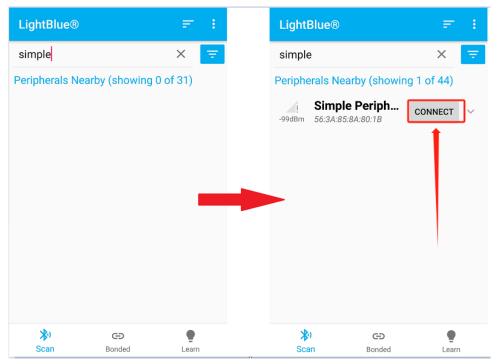
## **Wireless Module**



7. Click on this option to start debugging 😚 BDE-MP2652P7 - simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang/Startup/main. File Edit View Project Tools Run Scripts Window Help 📑 🛨 🔚 🐚 🔨 🕶 🔎 🖾 🔗 🖬 🗳 🕪 💷 🔳 🍡 🐼 LA 🖽 🖳 苑 Project Explorer 🖾 🖻 😫 🍸 🕴 🗖 v 
 simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang [Active - Release] > 🔊 Generated Source > 🐰 Binaries > 🔊 Includes > 👝 Application > 👝 Drivers > 👝 iCall > 👝 iCallBLE > 📂 Include > 👝 NPI ✓ ▷→ Profiles > 🔒 devinfoservice.c > 🖳 devinfoservice.h > 🗟 gatt\_profile\_uuid.h > 🛃 simple\_gatt\_profile.c > 🖳 simple\_gatt\_profile.h

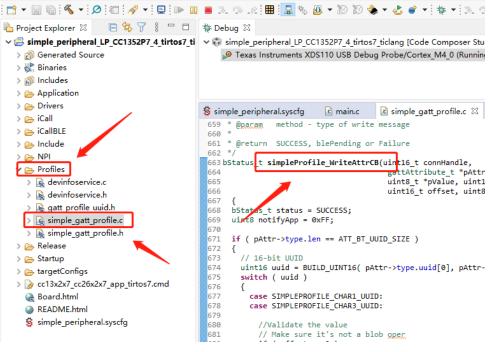
- 8. <u>Download and start Lightblue</u> (an APP on your mobile device)
- 9. BDE-MP2652P7 is advertising, you can receive the signal on Lightblue, then click "connect" to connect the mobile phone and the BDE-MP2652P7.

### **Wireless Module**



# 10. Find the file which is named "simple\_gatt\_profile.c" and the function which is named "simpleProfile\_WriteAttrCB"

BDE-MP2652P7 - simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang/Profiles/simple\_gatt\_profile.c - Code Composer Studio File Edit View Project Tools Run Scripts Window Help



11. Find "pValue" in the function and set a breakpoint at the same line

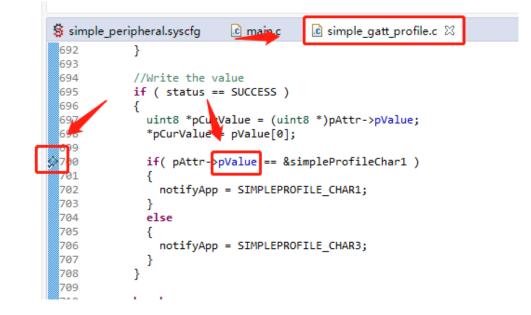
TEXAS INSTRUMENTS

Partner

**User Guide** 

### **Wireless Module**





12. Click the up arrow to send a message to the BDE-MP2652P7

	← Simple Peripheral	÷
	Manufacturer Name String Readable	$\rightarrow$
	IEEE 11073-20601 Regulatory Certification Data List Readable	$\rightarrow$
	PnP ID Readable	$\rightarrow$
	0000fff0-0000-1000-8000-008 b34fb	305f9
	Characteristic 1 Readable, Writable	$\rightarrow$
	Characteristic 2 Readable	$\rightarrow$
	Characteristic 3 Writable	$\rightarrow$
	Characteristic 4 Notify	$\rightarrow$
13. Send (	Characteristic 5 Dx11 to the BDE-MP2652P7	

Wireless Module



← 0000fff1-0000-1000-8000-0
X Able to be subscribed to for notifications/ indications on changes to the characteristic
Data format Hex 🔶 🔻
READ/INDICATED VALUES
READ AGAIN
No value read recently Tap on one of the buttons above — if available — to begin
WRITTEN VALUES
11 WRITE
No value written recently Input some data and tap on the "Write" button to begin

14. The program stops at the breakpoint, the value received is 0x11

### Wireless Module



2652P7 - simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang/Profiles/simple\_gatt\_profile.c - Code Composer Studio View Project Tools Run Scripts Window Help 📓 🔦 T 🖉 🦃 T 😓 🐨 💷 🕒 💷 🕄 🖉 T 🖉 🐨 🖉 T 🐉 🖉 T 🖉 xplorer 🛛 📄 🔄 🍞 🖇 🗖 🖬 🚸 Debug 🕮 🖻 💥 🕴 🗖 🗖 e\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ti 🗸 🐨 simple\_peripheral\_LP\_CC1352P7\_4\_tirtos7\_ticlang [Code Composer Studio - Device Debugging] v 🕐 Texas Instruments XDS110 USB Debug Probe/Cortex\_M4\_0 (Suspended - HW Breakpoint) nerated Source ≡ simpleProfile\_WriteAttrCB() at simple\_gatt\_profile.c:700 0x00012CB4 aries ludes GATTServApp\_WriteAttr + 0x38 () [H:/BDE\_workplace\CC2652P7\BDE-MP2652P7\simple\_peripheral\_LP\_CC13! plication < vers i main.c i simple\_gatt\_profile.c ⊠ § simple\_peripheral.syscfg H. else **IIBLE** 689 lude ł status = ATT ERR ATTR NOT LONG; 691 1 692 } ofiles 693 //Write the value
if ( status == SUCCESS ) devinfoservice.c 695 devinfoservice.h 696 gatt\_profile\_uuid.h uint8 \*pCurValue = (uint8 \*)pAttr->pValue; \*pCurValue = pValue[0]; 698 simple\_gatt\_profile.c simple\_gatt\_profile.h ⇒700 if( pAttr->pValue == &simpleProfileChar1 ) ease notifyApp Expression Value Type 702 rtup 703 ✓ ➡ pAttr->pValue unsigned char \* 0x20002720 "\021\0 getConfigs else (x)= \*(pAttr->pValue) unsigned char 3x2x7\_cc26x2x7\_app\_tirtos7.cmd 705 { 706 707 notifyApp ard.html } ADME.html 708 } 709 ple\_peripheral.syscfg 710 711 break; Name : \*(pAttr->pValue) Default:. 712 case GATT CLIEN Hex:0x11 713 714 Decimal:17 715 break: Octal:021 716 Binary:00010001b default: Should i 718 719 status = ATT break;

By far you should've built your first application successfully.

For further development, please check out the <u>CC2652P7 datasheet</u>, product information and <u>support | TI.com page</u> and <u>download the User guide</u>

## **Other Resources**

Windows Installer for SimpleLink CC13XX CC26XX SDK

Linux Installer for SimpleLink CC13XX CC26XX SDK

Mac OS Installer for Code Composer Studio IDE

Linux Installer for Code Composer Studio IDE

Windows Installer for SmartRF Flash Programmer 2

## **More Questions:**

Please search existing answers on <u>TI E2E support forums</u>

### Wireless Module



Contact your local TI sales representative. Or Contact BDE Technology, Inc.

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