1. Go to nRF5_SDK_17.1.0_ddde560\examples\ble_peripheral
2. git clone https://github.com/guangli2015/google_fast_pair_input_device_nRF5SDK_17_1_0.git
3. cd google_fast_pair_input_device_nRF5SDK_17_1_0\pca10056\s140\ses
4. open 'ble_app_gfp_input_device_pca10056_s140.emProject' using
   SEGGER Embedded Studio for ARM
   Release 5.42a Build 2021040600.45790
   Windows x64

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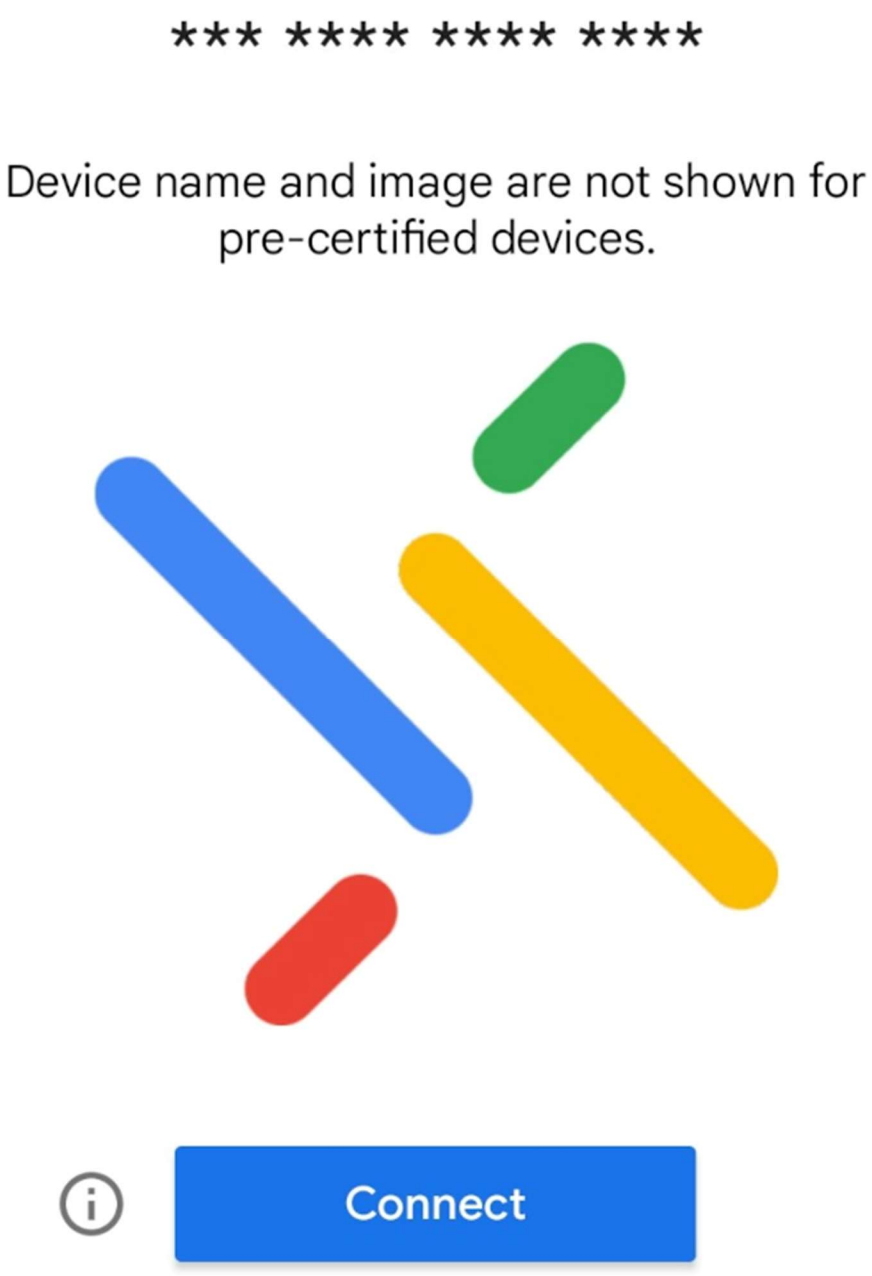
   segger-as: version 2.11
   segger-cc: version 11.4.4
   segger-cc-ng: version 11.95.1
5. Build-> build and run

Test procedure:

1. Connect to the kit that runs this sample with a terminal emulator (for example, nRF Connect Serial Terminal. The sample provides Fast Pair debug logs to inform about state of the Fast Pair procedure.
2. Reset the kit.
3. On the Android device, go to Settings > Google > Devices & sharing (or Device connections, depending on your Android device configuration) > Devices.
4. Move the Android device close to the Fast Pair Provider that is advertising.
5. Wait for Android device's notification about the detected Fast Pair Provider.

   the notification is similar to the following:



The device model name is covered by asterisks and the default Fast Pair logo is displayed instead of the one specified during the device model registration.

6. Tap the Connect button to initiate the connection and trigger the Fast Pair procedure. After the procedure has completed, the pop-up is updated to inform about successfully completed Fast Pair procedureNote

You can now use the connected Fast Pair Provider .

7. Open a text editing application (for example browser or test message).

8. Press Button 1 on the board. This will send one character of the test message 'hello' (the test message includes a carriage return) to the phone, and this will be displayed in the text editor.

Not discoverable advertising testing

Testing not discoverable advertising requires using a second Android device that is registered to the same Google account as the first Android device.

Test not discoverable advertising by completing testing and the following additional steps:

1. Disconnect the Android device that was used during the default Testing:
    a. Go to Settings > Bluetooth.
    b. Tap on the connected device name to disconnect it.

Note

Do not remove Bluetooth bond information related to the Fast Pair Provider.

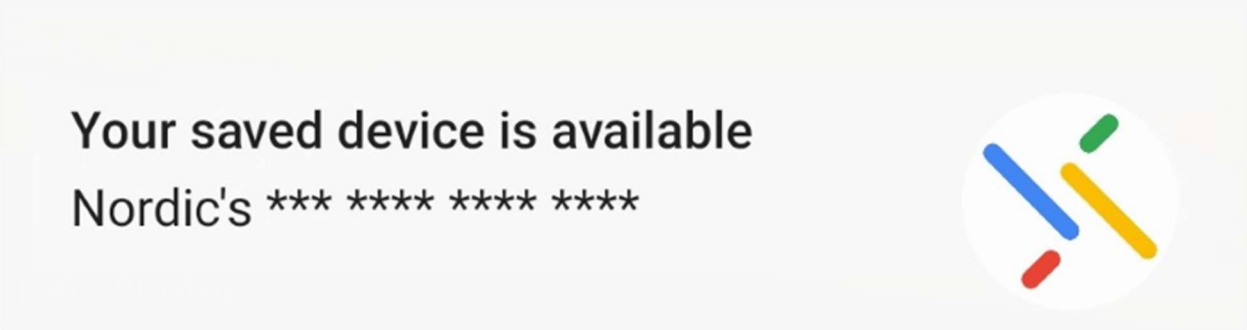
After disconnection, the provider automatically switches from the discoverable advertising to the not discoverable advertising with the show UI indication mode.

Make sure that the Fast Pair Provider is added to Saved devices on the Android device that was used for Testing:

    c. Go to Settings > Google > Devices & sharing (or Device connections) > Devices > Saved devices.
    d. Verify that the paired device is appearing on the list.

2. Wait until the Fast Pair Provider is added to Saved devices on the second Android device:
    a. Go to Settings > Google > Devices & sharing (or Device connections) > Devices > Saved devices. The paired device appears on the list.
    b. If the device does not appear on the list, wait until the data is synced between phones.
3. Move the second Android device close to the Fast Pair Provider.

the device is in the show UI indication advertising mode, a notification similar to the following one appears:



The *Nordic* name is replaced by your own Google account name as this is a default name created by the Fast Pair Seeker during the initial pairing.

4. when the notification appears, tap on it to trigger the Fast Pair procedure.
5. Wait for the notification about successful Fast Pair procedure.

You can now use the connected Fast Pair Provider.

6. Open a text editing application (for example browser or test message).
7. Press Button 1 on the board. This will send one character of the test message 'hello' (the test message includes a carriage return) to the phone, and this will be displayed in the text editor.