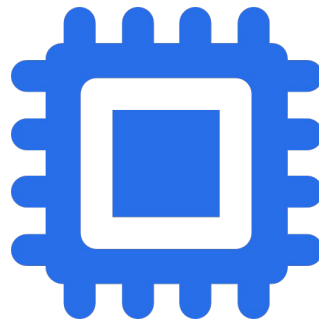


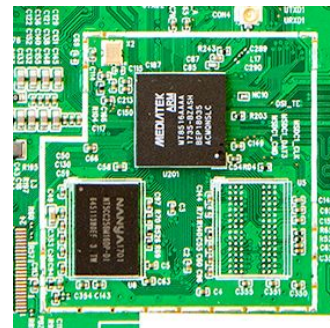
Android Things



Android Things



Android Things SoMs



NXP i.MX7D

GPIO

PWM

I2C

UART

SPI



Wi-Fi

Bluetooth

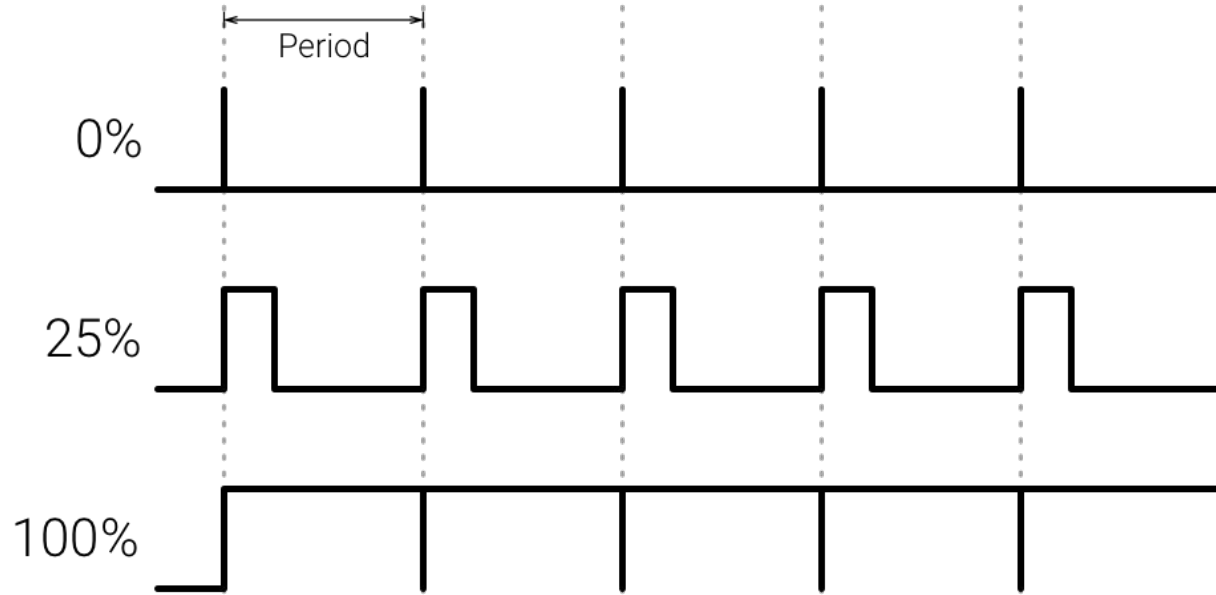
USB

Ethernet

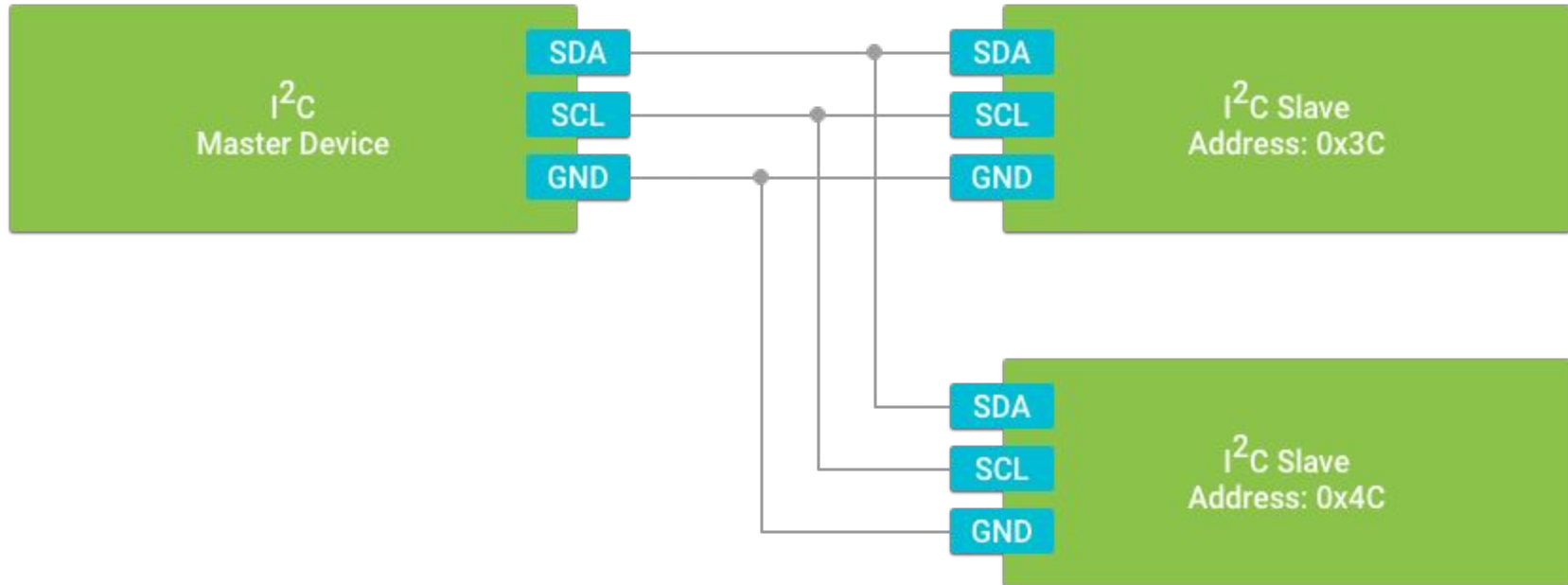
GPIO - General Purpose I/O



PWM - Pulse Width Modulation



I²C - Inter Integrated Circuit



Software

```
dependencies {  
    ...  
    compileOnly 'com.google.android.things:androidthings:+'  
}
```


Software

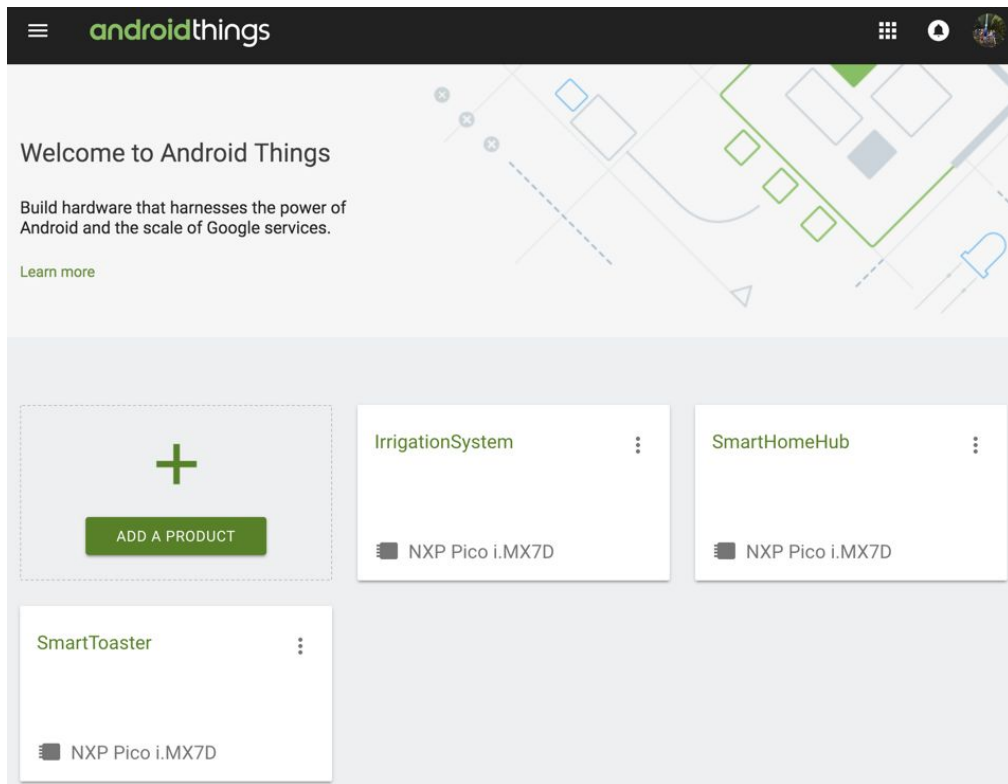
```
<application>
  <uses-library android:name="com.google.android.things" />
  <activity android:name=".HomeActivity">
    <!-- Launch activity as default from Android Studio -->
    <intent-filter>
      <action android:name="android.intent.action.MAIN" />
      <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>

    <!-- Launch activity automatically on boot, and re-launch if the app terminates.-->
    <intent-filter>
      <action android:name="android.intent.action.MAIN" />
      <category android:name="android.intent.category.HOME" />
      <category android:name="android.intent.category.DEFAULT" />
    </intent-filter>
  </activity>
</application>
```

Software

```
<uses-permission android:name="com.google.android.things.permission.USE_PERIPHERAL_IO" />
```

Android Things Console





s.eman.cz/at

