

LED control

**APPC-10SLB &
IPPC-10SLB &
APPC-10XPL**

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LED Control

For controlling the LED of our APPC-10SLB, IPPC-10SLB and APPC-10XPL within your application, we have created a software developer kit including sample code, a demo apk and its full source code. With this information, a software engineer should be able to implement the LED control within his application.

With the APPC-10SLB and IPPC-10SLB all 52 led lamps can be controlled individually. With the APPC-10XPL the control is limited; the two led strips can be controlled as one and not separately.

SDK

Download sample code:

<https://drive.google.com/open?id=1SUOqs1vl0k6FOG5rOkuLxdutAuUJz7Dc> Password: prodvx

The package contains the following files:

- activity_main.xml
- LampsUtil.java
- LedActivity.java
- Readme.docx
- SerialPort.java
- UartSend.java

Libraries used by this functionality are provided in a separate download file:

<https://drive.google.com/open?id=1cVM09FtLRsXqfNFgsFhginsyauZtnVSK>

Password: prodvx

The APPC-10XPL supports the following functions:

- AllOffLamps
- AllOnLamps
- AllRLamps
- AllBLamps
- AllGLamps

THE LED DEMO

This is an easy-to-setup demo-environment to show what the LEDs can do. The accompanied source code is a complete Android project which can be loaded in your Android development environment.

To run the demo download and unpack the zip-file, install the demo-apk, LedDemo.apk, with Apkinstaller and start the application.

LedDemo download:

<https://drive.google.com/open?id=1yvIRUobHspn3O78WWEQWjudSP8pVQaB2>

Full source code:

<https://drive.google.com/open?id=1vzoEgSGzh9BFNb0Vq4M9YHd8SHdY96sw>

Password: prodvx

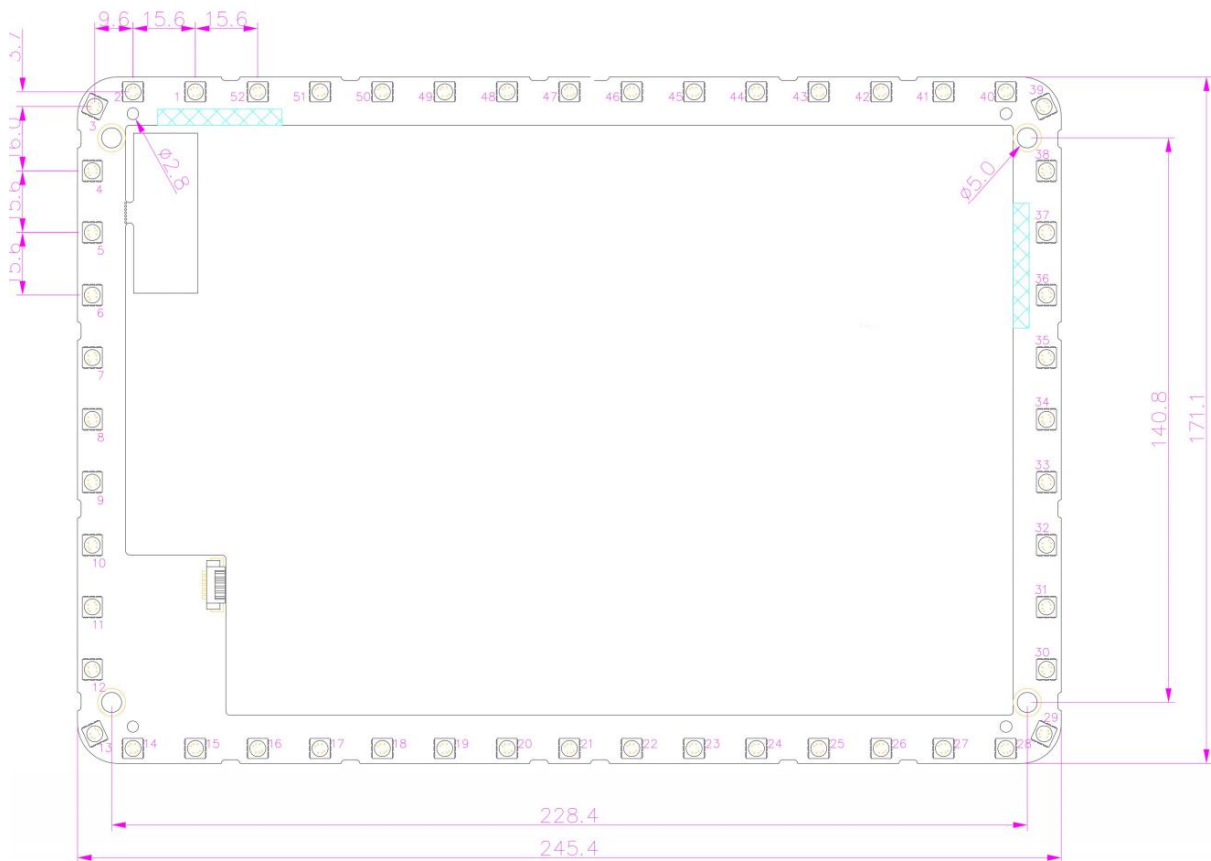
Demo for Linux

Linux demo download:

https://drive.google.com/open?id=1BZu8s9GY0S7f6ZTYXVLFHylTKPX_WUM

Password: prodvx

Diagram APPC-10SLB



Change log

| | |
|------------|---|
| 03-12-2018 | Added dl-link libraries |
| 10-01-2019 | Added LedDemo source code dl-link |
| 25-01-2019 | Changed LedDemo dl-links; v2.9 & pw protected |
| 17-06-2019 | Updated sample code |
| 26-06-2019 | Update serial port lib & pw protected |
| 31-01-2020 | Added 10XPL. Added 10SLB diagram. Added Linux demo. |