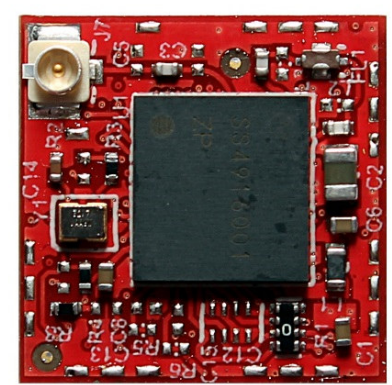
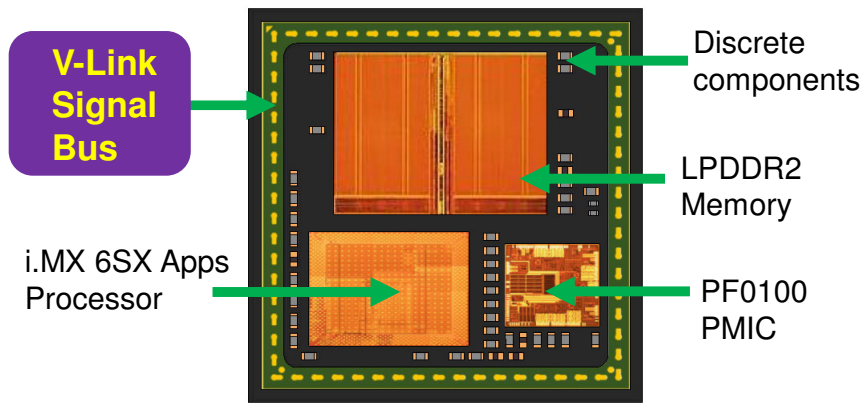


Family 3 SCM-i.MX 6SX V-Link (15.5mm x 15.5mm)

Available ALPHA

NXP Base SCM

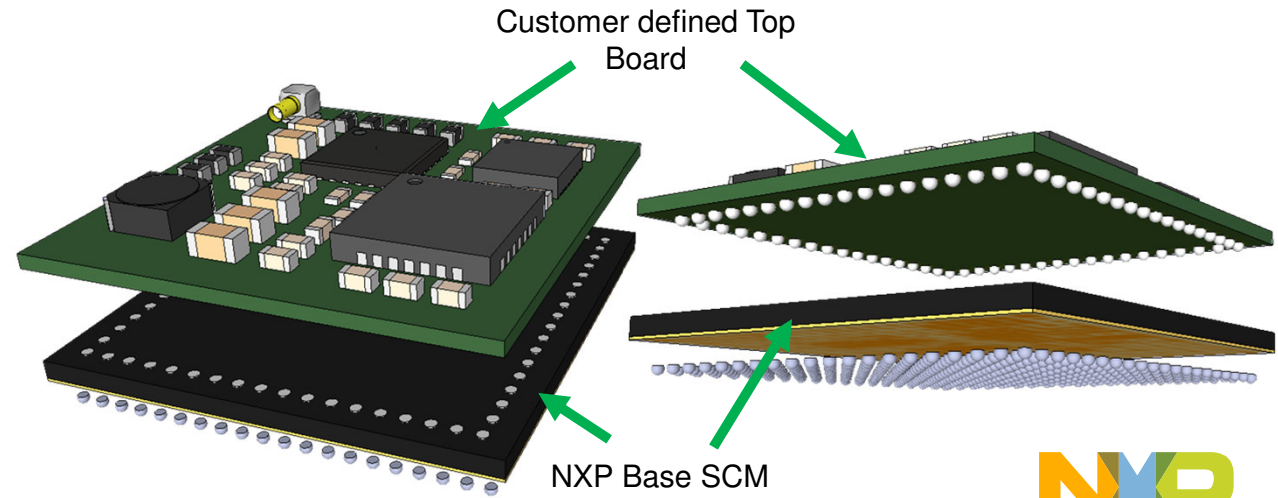


Custom Top Board (PCB or Substrate Based):

- RF, Sensors, Battery mgmt., PHY interface, Audio Codex, etc

0.75mm Ball pitch

BSP released
Enabled for Linux



* SCM shown with CODE WiFi/BT Top Board

PARTNER DEMOS

UTILIZING SCM-I.MX 6SX V-LINK



BOUNDARY DEVICES



Boundary Devices Introduction

- Headquarters: Chandler, Arizona USA
- Founded in 2003 (Privately Held)
- Our Business: NXP i.MX Family
- Multiple Single Board Computers and System on Modules (SOM) based on the i.MX family of processors
- Full Software Support package including Yocto, Ubuntu, Android 5.0, Buildroot, WinCE 7, and QNX Operating Systems
- NXP Proven Partner



Nitrogen6X_SOM

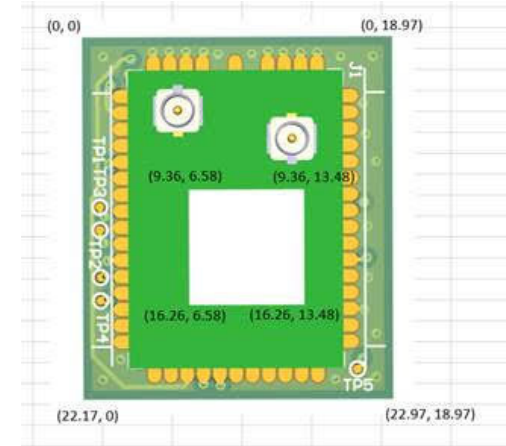


**SABRE Lite
BD-SL-i.MX6**

SCM Carrier Board + V-Link Top Board



- Adding WiFi+BT to SCM can be done in 2 ways: via Carrier board or Top board
- Carrier board requires horizontal space which many applications do not have.
- Space savings of 280 mm sq
- V-Link Top Board from Boundary Devices – QCA9377 802.11ac + BT4.1 module. Pre-certified and ready for production. Mounts on top of SCM which is ideal for space constrained applications. 22mm x 19mm board dimensions
- Available Linux/Android Drivers for easy WiFi+BT software integration for kernel 3.14.28 and above
- On 5GHz network utilizing SDIO 3.0, WiFi throughput is 90Mb/s



Boundary Devices SCM Demo Application



- V-Link Top board is ideal for handheld/space-constrained applications allowing customers to integrate vertically
- Boundary Devices demo is a handheld, battery powered wireless streaming application. The demo consists of NXP SoloX SCM + BD V-Link Top board with 802.11ac module + BD Carrier board with 5MP MIPI Camera and Battery.
- The demo application wirelessly streams data from the 5MP camera on the handheld device to a desktop board which shows the stream on a 7" display
- There is a point-to-point link from the handheld device to the desktop device



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