Please visit www.element14.com/warp7 for additional information and resources including:

**Documentation**
Hardware guide, data sheets, schematics and more

**Software and Development Tools**
Download the latest tools, source code, Android and Linux, images for programming the WaRP7 board

**Discussion and Support**
Find answers to FAQ, post questions and contribute to the community.
WaRP7 development platform has been designed to facilitate and expedite internet of things and wearable design.

The Kit comprises of:
- WaRP7 CPU board
- WaRP7 IO board
- Lithium-Polymer battery
- [Optional] Color LCD with touch (available separately)

**WaRP7 IO Board**

01. Expansion Connectors
02. NFC Antenna
03. JTAG Connector
04. Debug USB
05. MIPI DSI Connector
06. LCD Touch Interface
07. Sensors (Altimeter, Accelerometer-Magnetometer, Gyroscope)
08. S1 - Reset Button
09. Board to board connector
10. S2 - User Defined button
11. S3 - On/Off
12. Audio Jack

**WaRP7 CPU Board**

13. MIPI CSI Camera
14. Power Management IC
15. Memory 8GB eMMC w/ 4GB LPDDR3
16. i.MX7S (ARM® Cortex®-A7 and Cortex-M4 cores)
17. Wireless Module Wifi 801.11b/g/n + BT/BLE
18. USB OTG (power)
19. Board-to-Board Connectors
20. MIPI CSI Camera Connector
Board Set Up

01. Connect one end of the USB cable to the micro-B USB OTG (Debug) connector (4) on IO Board and the other end to a USB port of your PC. Start an hyperterminal program like Tera Term, connect to the COM port for your board and change the baud rate to 115200.

02. Connect a 5V USB power source to the micro-B USB OTG (Power) connector (18) on CPU Board to power WaRP7. You should see two Green LEDs lighting. The hyperterminal window should now display UBoot and Linux boot messages.

03. For more help on WaRP7 board setup, consult the Hardware guide at www.element14.com/warp7