



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

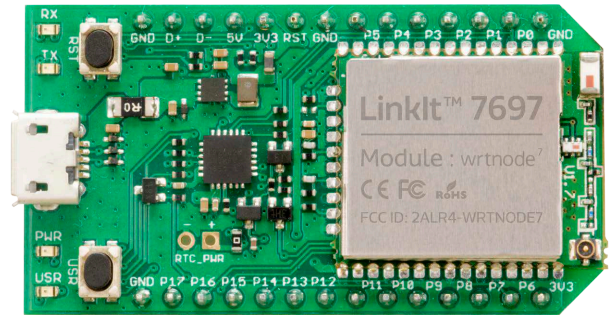
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Description

MediaTek LinkIt™ 7697 HDK is an IoT development platform for RTOS based on MediaTek MT7697, a highly integrated SOC that features an ARM® Cortex®-M4 with floating point unit microprocessor that operates at up to 192MHz with low-power 1x1 802.11 b/g/n 2.4GHz Wi-Fi and Bluetooth Low Energy support. This HDK is compact in size but includes all the necessary pin-breakouts to integrate a variety of peripherals and enable development of highly connected applications.



Supported Features

- ARM® Cortex®-M4 with FPU operating at up to 192MHz
- 802.11 b/g/n 2.4GHz Wi-Fi
- Bluetooth 4.2 Low Energy
- 352KB RAM
- 4MB flash storage
- Onboard UART-USB convertor (CP2102N)
- Micro-USB port supports
 - Flash programming
 - UART
 - 5V power source
- Antennas
 - Onboard SMD antenna
 - IPEX connector for external antenna (requires rework)
- Peripheral interfaces
 - GPIO (18)
 - UART (2 sets)
 - I2C (1 set)
 - SPI (1 set)
 - EINT (4)
 - ADC (4)
 - PWM (18)
 - IR (1 set)
 - I2S (1 set)
 - SWD (1 set)
- Power Sources
 - Micro-USB port (5V)
 - 5V pin
 - 3V3 pin
- LEDs
 - UART TX LED
 - UART RX LED
 - PWR LED
 - USR LED
- Buttons
 - Reset
 - User configurable
- Breadboard compatible pin pitch (2.54 mm)
- Size: 48 x 26 mm (1.88 x 1.02 inches)
- Supports FreeRTOS with LinkIt SDK
- Add-on package supporting Arduino IDE
- FCC/CE/NCC certified