

| Manufacturer Product Number | B-L475E-IOT01A2 | CORE-V MCU DevKit | SLN-ALEXA-IOT | Home Hub 100 Dev Kit for Amazon AVS | STEVAl-VOICE-UI |
|-----------------------------------|---|--|---|---|--|
| Description | STM32L4 Discovery kit IoT node, low- power wireless, BLE, NFC, SubGHz, Wi-Fi | European RISC-V chip for IoT development kit | EdgeReady MCU Based Solution for Alexa for IOT | A hardware and software development kit with multi- core connectivity designed to support AVS for AWS IoT Core connected devices | Qualified hardware reference design enabling easy and cost effective addition of the Alexa Voice Service (AVS) Integration for AWS IoT core to your smart embedded devices. |
| Processor | Arm® Cortex®-M4 | CV32E40P processor core | | | Dual Arm® Cortex®-A7 and Cortex®-M4 Cores |
| FreeRTOS Available? | Yes | | | | Yes |
| Connectivity | Inventek ISM43362 Wi- Fi Module | | | | WIFI subsystem including Murata 1DX module used in bypass mode and ISSI IS25LP016D 2Mbytes NOR flash hosting WIFI low level software |
| # of Microphones | 2 digital omnidirectional microphones (MP34DT01) | | | | Two MP23DB01HP Microphone Mems |
| Speaker | Not Available | | | | 8 ohm Speaker |
| Price at DigiKey | \$53,00 | - | \$168,44 | | - |
| Price at Official Stores | \$51,94 | Not Launched | \$171,35 | | - |
| Price at okdo | | | | £57.56 | - |
| Price at Ebay | | | | \$129,31 | - |