

Consilient Compact Embedded VoIP

SIP Call Control
SIP Registration <ul style="list-style-type: none"> • Register With Periodic Automatic Refresh • Register & UnRegister • Locating SIP Server (SRV/NAPTR)
SIP Call Features <ul style="list-style-type: none"> • Call Originate • Call Receive • Call Reject • Call Cancel • Call Terminate • Remote Caller Id Presentation • DTMF Sending to Remote • DTMF Receipt from Remote • Call Progress Tone Generation
SIP Transport: UDP
Media
Voice Codec: <ul style="list-style-type: none"> • G.711 alaw/ulaw
Voice Quality Enhancement <ul style="list-style-type: none"> • Jitter Buffer • Packet Loss Concealment • Acoustic Echo Cancellator • Noise Suppression
RFC's Supported
<ul style="list-style-type: none"> • 1321, 2327, 2782, 2915, 3261, 3263, 3264, 4733 (DTMF), 3550 and 3551
Platform and OS
<ul style="list-style-type: none"> • Platform: Cortex-M4 based MCU • OS: RTOS
Memory and CPU Footprint
<ul style="list-style-type: none"> • RAM: 45 kB • Flash: 50 kB • CPU: 60 MHz