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*The software implememtation performs all of the SIP messaging necessary to: register with a SIP registrar, initiate VoIP calls, and accept or reject incoming VoIP calls.*

## SIP / STUN - Protocol Stack

OUR SIP / STUN SOFTWARE WAS DESIGNED SPECIFICALLY FOR USE WITHIN THE DSP ENVIRONMENT WHERE LOW MEMORY AND MIPS USAGE IS ESSENTIAL.

### FEATURES

- Registration
- Offer/Answer Capabilities
- Digest Authentication Support
- Loose Routing
- rPort
- Call Initiation
- Call Acceptance
- Optional STUN interface
- Interfaces to application via APIs and call back routine
- Interfaces to UDP/IP stack via
- MD5 Authentication
- SDP
- Interoperable with Asterisk and Cisco servers

Description

Availability

### AVAILABILITY

ADT SIP is available in "C" format, portable to any host processor.

ADT SIP / STUN is available off the shelf on the following Platforms: **Other configurations are available upon request.**

#### Platform

ARMv7 Cortex-A8 / A9 / A12 / A15 / A17

ARMv7 Cortex-M3 / M4 / M7

ARMv8 Cortex-A53 / A57

ARM9e

ARM11

### FUNCTION

SipInitialize () Configure and start the SIP task.

SipCallRequest () Initiate a call.

SipCallTeardown() Teardown the current call.

SipShutdown() Stop all SIP processing.

SipCallStatus() Get current status of call.

