

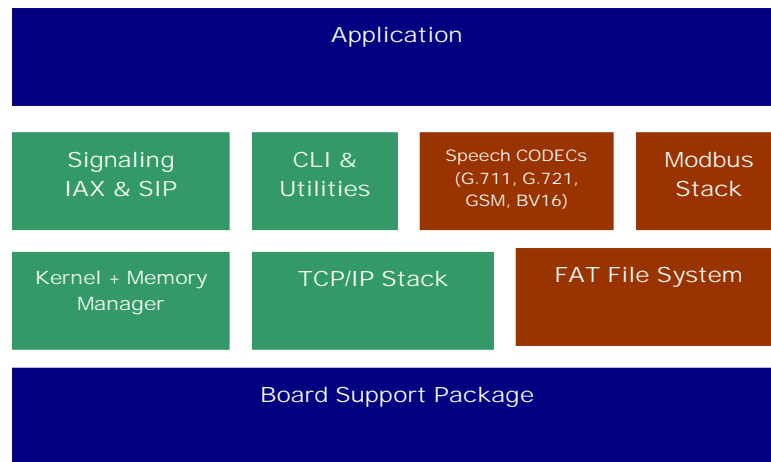
DATA SHEET

SK336 Embedded Applications Framework



Introduction

SK336 is a portable and highly optimized framework for networked embedded devices. Main components of the framework are TCP/IP stack integrated with an open-source FAT file system, an open-source Modbus-TCP stack, optimized implementations of IAX2 & SIP2 signaling protocols, a number of open-source speech CODECs and a comprehensive command-line interface as shown in the following figure.



- EICSS component
- Third party component
- User component

EICSS components

These are highly optimized components designed and developed specifically for embedded applications. The ROM footprint is extremely small whereas dynamic RAM utilization can be configured at compile/run time. The kernel is a cooperative multitasking kernel providing services such as tasks, message queues and timers. It requires component tasks to be cooperating with other tasks and as such be written as micro FSMs (that's how all other components have been authored). These components can be licensed either binary or source code.

Third party components

These are open-source components adapted to EICSS framework. They are always distributed both binary and source code.

User components

These are hardware/application specific components either supplied by EICSS for a specific architecture/platform or developed by users of the framework. EICSS can provide templates for these components to help adapt to new platforms.

Additionally, EICSS can develop these components for your target platform at a nominal cost.

Support

EICSS can provide comprehensive after sales support including maintenance of current modules, development of new modules and development of custom hardware platform.

Licensing

Both royalty-based and royalty-free, unrestricted binary and source code licensing models are available. For further assistance, please contact sales@eicss.com.