RomPOP™

RomPOP Benefits

- POPv3 Client
- Support for MIME and UUENCODED attachments
- Delivery Status Notification
- Message Delivery Notification
- Small RAM/ROM footprint
- ANSI-C Implementation
- Interface files for leading RTOS vendors provided
- Highly portable across processor, OS and TCP/IP stack
- Compliant with RFC 822, RFC 1892, RFC 1939, RFC 2045, RFC 2046, RFC 2047, RFC 2048, RFC 2298, RFC 3464

Embedded Post Office Protocol Client Toolkits

Allegro's RomPOP product enables your engineering team to leverage the capabilities of receiving email on your embedded device. With the addition of SMTP and POP functionality, device manufacturers are finding creative approaches to offer specific value "add-on" services, expanding the definitions for maintenance and support, developing novel methods for secure network configuration and provisioning of equipment using standards based email.

RomPOP Basic

RomPOP Basic is a Post Office Protocol version 3 (POPv3) client for embedded devices to receive text and HTML based Internet email from any Internet POP3 mail server. Messages are processed and stored in RAM.

RomPOP Standard

RomPOP Standard adds support for attachments encoded using MIME and UUENCODED formats and support for an optional file system.

RomPOP Advanced

With RomPOP Advanced an embedded device adds Delivery Status Notification, Message Delivery Notification and Message/Partial support.

	Basic	Standard	Advanced
Text Messages	✓	✓	✓
HTML Messages	✓	✓	✓
Binary Messages	✓	✓	✓
Simple API	✓	✓	✓
Advanced API		✓	✓
Receive Attachments		✓	✓
Memory Based Message	✓	✓	✓
File Based Message		✓	✓
Message Preview		✓	✓
Advanced Header Management		✓	✓
Advanced Message Management		✓	✓
Message Delivery Notification			✓
Message Status Notification			✓

DRPP1110-520