

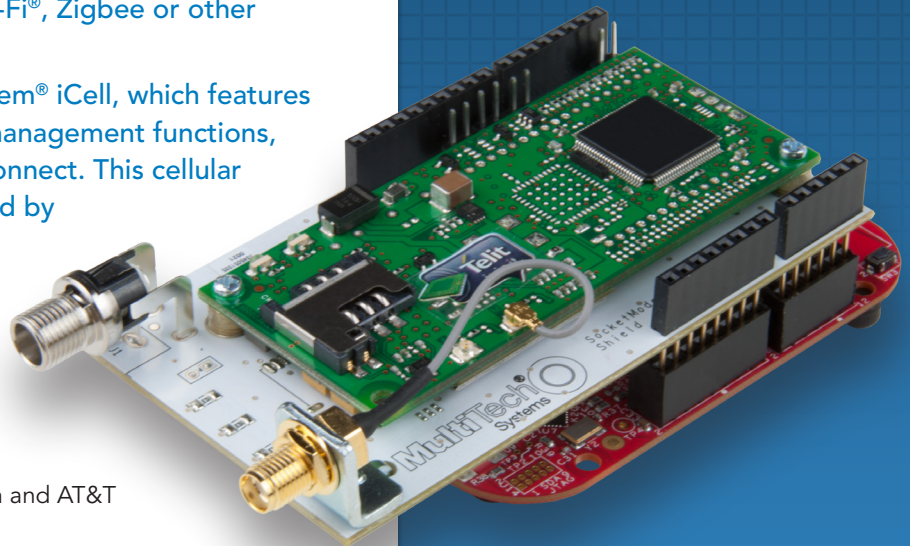
# SocketModem® Shield



## HSPA+ Arduino Shield

The SocketModem® Shield allows for rapid prototyping and connections using the AT&T HSPA+ cellular network to access the internet or send/receive SMS messages. HSPA+ technology provides 3G transmission speeds and enables connectivity from virtually anywhere, providing a solution beyond Wi-Fi®, Zigbee or other short-range technologies.

The shield uses the Multi-Tech SocketModem® iCell, which features Multi-Tech's proprietary cellular network management functions, such as persistent connectivity and auto-connect. This cellular device is end-device certified and approved by AT&T, meaning you are able to develop, test, and build without needing to undergo additional certification for cellular communications.



### Features

- Only Arduino Shield with full PTCRB certification and AT&T approval
- HSPA+ cellular performance utilizing the Telit HE910 module
- Frequency bands: 850/900/1700(AWS)/1900/2100 Mhz
- Intelligent Universal IP stack for enhanced M2M functionality (see below)
- Onboard SIM card holder
- Industrial temperature range of -35° to +85° C
- Arduino R3 compatible interface



### Universal IP for Enhanced Network Connectivity

- Designed for applications where enhanced M2M communications connectivity is required
- Future-proofs applications as new technologies are introduced, allowing you to select from a growing number of Universal Socket communication devices
- Consistent AT command interface

### Components for AT&T Developer Summit



Multi-Tech SocketModem Shield  
Including the SocketModem iCell



**freescale™**  
Enabled

Freescale Freedom FRDM-KL46Z  
Development Platform

**ARM® MBED™**  
IoT Development Platform

Produced in the U.S. of U.S. and non-U.S. components. Features and specifications are subject to change without notice.

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