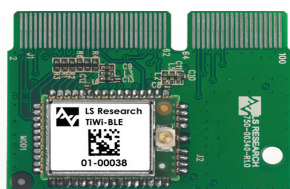# TiWi Evaluation Modules

LS Research announces the release of COM6L for the TiWi5 & TiWi-BLE modules. These evaluation modules utilize a special 100 pin card-edge commonly found in the Texas Instruments MPU development platforms. Key features of the COM6L include:

Supports requirements for the TI COM (Connectivity On Module) solutions

Supports BeagleBoard and BeagleBoard-XM with adapter

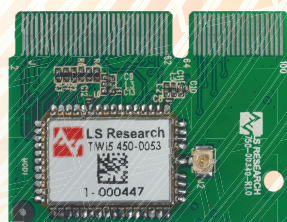Utilizes the FCC / IC certified and ETSI tested LSR dipole antenna

COM6L SPECIFICATIONS

- Dimensions: .955 X 1.495 inches
- Ships with TiWi-BLE U.FL module
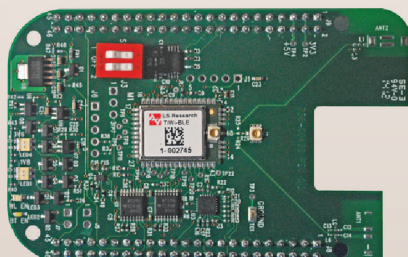- LSR Part Number: 450-0097

COM6L-T5 SPECIFICATIONS

- Dimensions: 1.125 X 1.495 inches
- Ships with TiWi-5 U.FL module
- LSR Part Number: 450-0085

TiWi-BLE ADAPTER FOR BeagleBone SPECIFICATIONS

- Uses exisitng BeagleBone expansion connectors
- Utilizes the FCC / IC certified and ETSI tested LSR dipole antenna
- Provides level shifting capabilites to convert between BeagleBone and TiWi-BLE
- LED's to provide quick visual of the following:
    - Power setting within acceptable parameters
    - Wi-Fi is enabled
    - Bluetooth is enabled

TiWi-SL WI-FI Pmod FOR XILINX SPECIFICATIONS

- Dimensions: .850 X 1.59 X .34 inches
- TI CC3000 SimpleLink
- Supports Avnet Spartan-6 LX9 MicroBoard
- 4 Mbps (TCP) / 7 Mbps (UDP)
- 3 wire SPI interface to processor
- FCC / IC Certified, ETSI tested
- On-board chip antenna

LS RESEARCH
WIRELESS PRODUCT DEVELOPMENT

Additional LS Research Information & Support

LSR Homepage
www.lsr.com

RF Modules
www.lsr.com/products

EMC Certification
www.lsr.com/certification_center

Support Forum
http://forum.lsr.com

Product Development
www.lsr.com/design_services

TiWi™ Wiki
http://wiki.lsr.com

Ordering Information

Part Number	Description
450-0085	COM6L-T5 Adapter Board with U.FL
450-0086	COM6L-T5 Adapter Board with Chip Antenna
450-0097	COM6L Adapter Board with U.FL
001-0001	2.4 GHz Dipole Antenna
080-0001	U.FL to SMA Bulkhead cable

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