ET-3G UC15 (P-ET-A-00527)

SPECIFICATIONS of MODULE UC15-T (for THAILAND)

- Be Module of QUECTEL
- Be compatible with System of UMTS / HSPA and GSM / GPRS / EDGE
- Support 3G System (UMTS) 850 / 2100 MHz
- Support GSM System (2G) 850 / 900 / 1800 / 1900 MHz
- Maximum speed of transmission HSPA MAX 3.6 Mbps (DL) / MAX 384 Kbps (UL)
- Support Protocol PPP / TCP / UDP / FTP / HTTP / FILE / MMS/SMTP / SSL / PING
- Support AT COMMAND (COMPLIANT WITH 3GPP TS27.007, 27.005 and QUECTEL ENHANCED AT)
- Support SIM CARD 1.8V/3V
- PACKAGING 108 PIN LCC
- SIZE: 29.0 x 29.0 x 2.5 mm.
- SUPPLY VOLTAGE RANGE 3.3-4.3 VDC
- INTERFACE
  - AUDIO : 2 ANALOG INPUT AND OUTPUT, OPTIONAL
  - USB :   2.0 HIGH SPEED
  - UART : 1 x FULL FUNCTION
  - ADC :   x2, 12 BITS
  - STATUS : INDICATION FOR POWER ON AND OFF

3G 850/2100 MHz
GSM (2G) 850/900/1800/1900 MHz

ET-3G UC15 is new release board from ETT, it is good to learn and develop mobile communication system by Module UMTS/HSPA #UC15-T of QUECTEL It is compatible with 3G(UMTS) and GSM(2G).

- For 3G System(UMTS) 850/2100 MHz, it is compatible with TRUEMOVE H 850/2100 MHz, DTAC 850/2100 MHz, AIS 2100 MHz, TOT i-MOBILE 3GX 2100 MHz.
- For GSM System(2G) 850/900/1800/1900 MHz, it is compatible with all GSM (2G) network providers.
- Have Circuit LOGIC TTL Converter to convert 3V to 5V, it can be connected with Microcontroller LOGIC 5V directly (if it is not connected via LIN DRIVER RS232).
- Have LINE DRIVER RS232 if Microcontroller is connected to ET-3G UC15 via PORT RS232 (9600-921600 bps) through Connector DB9 PIN FEMALE or Connector 4PIN ETT on board.
- Have PORT USB 2.0 (Connector TYPE B) to communicate between PORT USB and computer PC, it can run by WINDOWS XP/VISTA/7/8.
- Have SW.ON/OFF operation of Module internal board
- Have SW.RESET operation of Module internal board
- Have 2-Circuit REGULATE, it is compatible with external Power Supply 5VDC Current 2A up.
  - If using REGULATE 3.88V/3A, it is supplied to the Module.
  - If using REGULATE 3.3V/200mA, it is supplied to circuits outside the Module.
- Have LED to display state of VBAT, STATUS, NETLIGHT
- Have 2-Connector 10 PIN IDE of ETT to directly connect to PORT of Control Board; it can send/receive data instead of PORT RS232 and read data and control Module.
- Have 2-Connector 2 PIN WAFER (MALE) 2.5mm. to connect with microphone and speaker (32 OHM)
- Have SOCKET SIM FULL SIZE SIM that supports SIM CARD 1.8V and 3.3V, with Circuit ESD to protect SIM from damaged.
- Use Power Supply 5-12VDC for board. There are 2 Connector types; Connector DC JAC 2.5mm. (Anode outside, Cathode inside) and Connector 2 PIN TERMINAL BLOCK (Recommend: POWER SUPPLY of ETT " ET-SWITCHING ADAPTER 5V 2A TYPE J (A-AP-A-00093) ")
- Dimensions: 90.00 x 80.00 cm.
- **ET-3G UC15** includes…

1. Board with Module UC15-T
2. Antenna L-TYPE uses Frequency 800/850/900/1900/2100 MHz
3. Cable 4 PIN RS232
4. Pair Cable 10 PIN
5. Cable ET-RS232 DB9 PIN F
6. CD-ROM Manual and Program

OPTION

ET-SWITCHING ADAPTER 5V 2A TYPE J
(A-AP-A-00093)

Under standard of TIS and UL
INPUT : AC INPUT 220VAC 50/60Hz 0.5A
OUTPUT : DC 5V/2.0A (10W)

CABLE USB 2.0 AM/BM 1.8M
(A-CB-A-00043)

ETT บริษัท อีทีที จำกัด ETT CO., LTD.

Tel : 02-7121120
e-mail : sale@etteam.com
www.etteam.com

Fax : 02-3917216

Line ID : etteam1