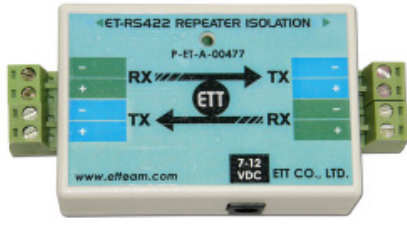


**ET-RS422 REPEATER ISOLATION**  
(P-ET-A-00477)



**ET-RS422 REPEATER** is a tool to repeat signal of RS422 that uses long Cable or it interfaces many devices together in the same line and it makes the signal level in the BUS system lower. ET-RS422 REPEATER is used to repeat the signal level of RS422 that is low and then boot the signal level to be more and more until it is in the standard level of RS422.



- Use LINE DRIVER No.MAX3088 to receive and repeat signal on both side of transmitter and receiver
  - Support BAUDRATE in the range of 300 BPS-115,200 BPS
  - Can repeat signal to increase longer distance for sending data up to 4,000 feet or 1,200 meter approximately
  - Use Circuit POWER SUPPLY ISOLATE to remove the problem of the different phase between GND and AC. It receives INPUT Power Supply that is AC/DC 7-12V.
  - Has 1 LED to display the status of Power Supply
  - Has DIP-SWITCH to ON/OFF Circuit that compensates IMPEDANCE of both TERMINATE(RZ) and FAIL-SAFE(RH,RL) on both sides of receiver and transmitter independently.
  - Use Connector PLUG TYPE TERMINAL BLOCK
  - Box size: 7.5 x 2.5 x 5 cm.
- ET-RS422 REPEATER ISOLATION** consists of ...
1. ET-RS422 REPEATER ISOLATION
  2. POWER SUPPLY DC ADAPTER 10VDC/850 mA



**ET-RF24G V2**  
(P-ET-A-00336)



Send/Receive Data RS232 Wireless "ET-RF24G V2.0" is a new product that is developed from ET-RF24G V1.0; it can communicate longer distance. Moreover, its wire pole can be separated because it is more convenient to use and expand. ET-RF24G V2.0 is CONVERTER that converts signal in RS232 Wire system into send/receive data RS232 Wireless.

- Send/Receive data as GFSK (GAUSSIAN FREQUENCY SHIFT KEYING)
  - Frequency 2.4GHz - 2.52GHz
  - +20dBm OUTPUT POWER, 2.4GHz 50OHM External Wire Pole
  - BAUDRATE 1200 - 19200 BPS
  - 100 meter distance Send/Receive data or longer distance for outdoor area
  - Set 125 Channels by program to use many devices in the same area, set 256 ID CODE for receiving data, and adapt it for RF NETWORK.
  - 4 PIN RS232 PORT standard ETT to connect with ETT Boards directly by using POWER SUPPLY with ETT Board
  - 2 PIN POWER SUPPLY 5VDC - 9VDC, 40mA CURRENT for RECEIVE MODE, TRANSMIT MODE MAX 450mA (can be used with ADAPTER 5V/1.2A version ET-SWITCHING ADAPTER 5V/1.2A TYPE H )
  - Box Size: 2.2 x 5 x 7.5 cm.
  - Include Program SETUP to set operation values: BAUDRATE, OPERATION MODE, SET ID, SET FREQUENCY
  - Can adapt ET-RF24G V2.0 for many applications such as Robot Controller, Board Display, REMOTE RS232, DATA LOGGER Wireless
- ET-RF24G V2.0** consists of
1. ET-RF24G V2.0 and wire pole,
  2. ET-RS232 DB 9 PIN CABLE
  3. 4 PIN RS232 CABLE
  4. CD-ROM WITH MANUAL IN THAI AS PDF FILE AND PROGRAM SET UP.



**ET-RF24G V1.0** (P-ET-A-00184)



**ET-RF24G V1.0** is ready-made SIGNAL CONVERTER to transform signal from RS232 with wire into RS232 wireless with RF 2.4 GHz. ETT designs ready-made MODULE to send signal RF TRW-2.4G with small board controller and it is able to send 50 m - 280 m distance.

- HIGH SPEED SEND/RECEIVE DATA WITH GFSK (GAUSSIAN FREQUENCY SHIFT KEYING) MAXIMUM 1 M BPS, 250 K BPS. THERE'S SENDER AND RECEIVER IN ONE AND ALTERNATE SEND/RECEIVE.
  - Run 2.4GHz - 2.524GHz
  - OUTPUT POWER 10mW, with signal pole inside
  - BE ABLE TO SET PROGRAM 125 CHANNEL, SO BE ABLE TO USE MANY ET-RF24G IN THE SAME AREA. BE ABLE TO SET ID CODE OF SEND/RECEIVE FRO256 POSITIONS/CHANNEL AND BE ABLE TO ADAPT AS RF NETWORK
  - SEND/RECEIVE SIGNAL FOR 250M DISTANCE(250 K BPS), 150M (1 M BPS) OPEN AREA AND 50M FOR INSIDE
  - PORT RS232 4 PIN STANDARD ETT BE ABLE TO CONNECT WITH ETT BOARDS DIRECTLY AND USE POWER WITH ETT BORDS FOR FOR PROVIDING ELETRICITY INTO ET-RF24G OR CONNECT WITH PORT DB 9 PIN BECAUSE THERE'S WIRE CONNETOR DB 9 PIN IN PACKAGE
  - POWER SUPPLY 5VD-9VDC CURRENT MAX 30mA PORT 4 PIN AND 2 PIN (BE ABLE TO USE DC ADAPTER ACH-4E OR USB A TO 2 PIN VCC TYPE FOR PROVIDING ELETRICITY INTO ET-RF24G AS OPTION)
  - BOX SIZE 2.2 x 5 x 7.5 CM. WEIGHT 0.05KG.
  - SETUP PROGRAM FROM ETT THAT USERS CAN CHANGE AND SET EASILY SUCH AS SETTING BAUDRATE 200-19200 BPS, MODE (RECEIVE ONLY, TRANSMITT ONLY, AUTO), RF POWER GAIN, SET RX ID, TX ID, SET FREQUENCY CHANNEL
  - ET-RF24G IS ABLE TO ADAPT IN MANY PROJECT WORKS SUCH AS REMOTE CONTROL, CONTROL ROBOT FOR LONG DISTANCE, BILL BOARD WITHOUT INSTALLING AN ELECTRI WIRE, DATA LOGGER, RS232 OPTO ISOLATION, BE ABLE TO ADAPT AS FULL DUPLEX BY USING 2 ET-RF24G/ SIDE
- ET-RF24G V1 INCLUDES;**
1. ET-RF24G V1 WITH BOX
  2. ET-RS232 DB 9 PIN CABLE
  3. 4 PIN RS232 CABLE
  4. CD-ROM WITH MANUAL IN THAI AS PDF FILE AND PROGRAM SET UP.



**ET-SWITCHING ADAPTER 5V 1.2A TYPE H**



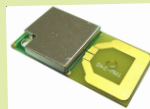
It is POWER SUPPLY in the format of SWITCHING according to the certification of TISI, UL, TUV, CE, and SA. The INPUT 100-240VAC is the type of Connector 2PIN Plug and OUTPUT 5VDC 1.2A

**USB CABLE A TO 2 PIN VCC TYPE**  
(A-CB-A-00019)



IT IS PORT CONNECTOR TO CONNECT WITH COMPUTER PC THROUGH USB PORT AND TAKE POWER FROM PORT USB.

**TRW-2.4G MODULE** (A-IC-M-00001)



It is ready-made Module Transceiver for send/receive data in serial type with 2.4GHz. Be able to adapt with signal pole inside and uses 280M. distance(data speed 250kbps) 150M.distance(data speed 1 M bps) in open area.