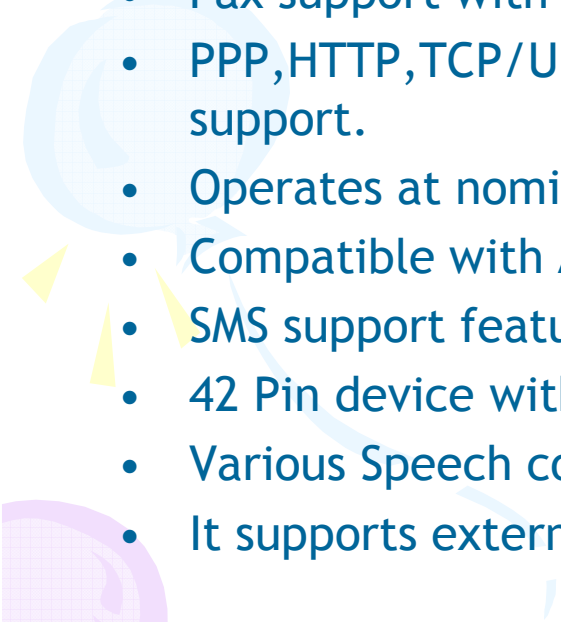





Quectel M95GSM/GPRS Module

- Quad Band Module supporting 850/900/1800/1900 MHz.
 - Supports GPRS Multi-slot Class 12 with max of 85.6 kbps(uplink & downlink) speeds.
 - Fax support with specs of Group 3, Class 1&2.
 - PPP,HTTP,TCP/UDP,FTP& MUX embedded internet service protocols support.
 - Operates at nominal 4.1V.
 - Compatible with AT cellular command interface.
 - SMS support features present.
 - 42 Pin device with size of 19.9mmx23.6mmx2.65mm.
 - Various Speech codec modes with echo cancellation and support.
 - It supports external sim, analog audio (2 channel), RTC backup.
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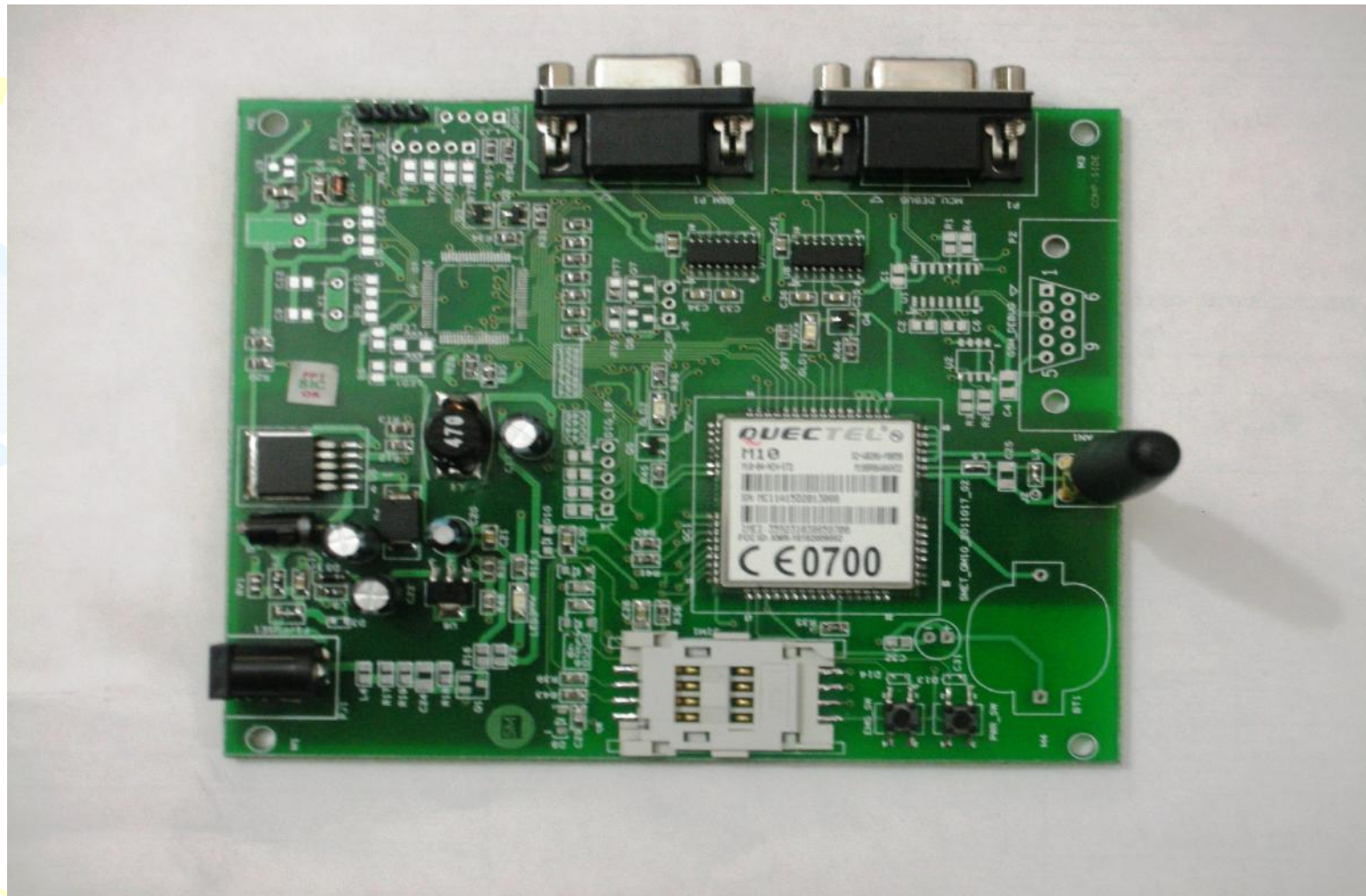


Features of M72 Development Board

- Development Board consists of M72 Quectel modem, Renesas R8C2C MCU, Sim card slot, Regulator for Power supply to modem and MCU, RS232 Port for Serial Communication, External Antenna connector, EEPROM and Battery interface for RTC (Optional).
- If customer is interested to test only the features of Quectel module then Renesas MCU is optional.
- If the existing Renesas customer wants to directly build his application on the module then he can opt for the development board with MCU assembled.
- All the technical documents needed for the customer to start up with his application will be provided with the board.

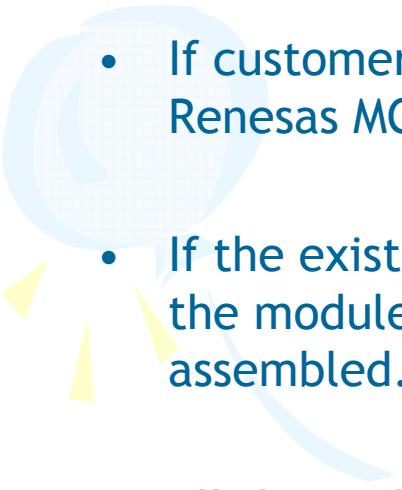
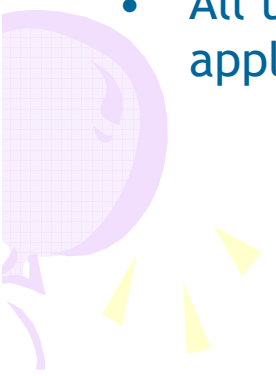
Products Developed At SMET On Quectel

Quectel M10 Development Board





Features of M10 Development Board

- Development Board consists of M10 Quectel modem, Renesas R8C2C MCU, Sim card slot, Regulator for Power supply to modem and MCU, RS232 Port for Serial Communication, External Antenna connector, EEPROM and Battery interface for RTC (Optional).
 - If customer is interested to test only the features of Quectel module then Renesas MCU is optional.
 - If the existing Renesas customer wants to directly build his application on the module then he can opt for the development board with MCU assembled.
 - All the technical documents needed for the customer to start up with his application will be provided with the board.
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Products Developed At SMET On Quectel

QUECTEL M12 GSM/GPRS Interface Board



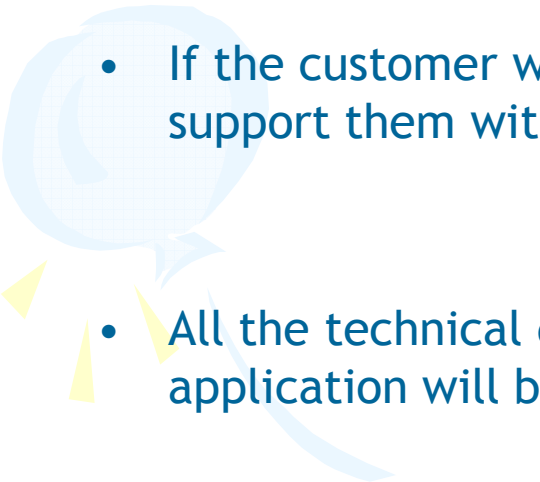
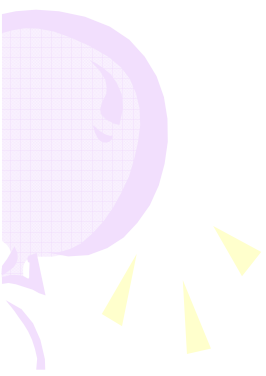
Products Developed At SMET On Quectel

QUECTEL M12 GSM/GPRS Interface Board



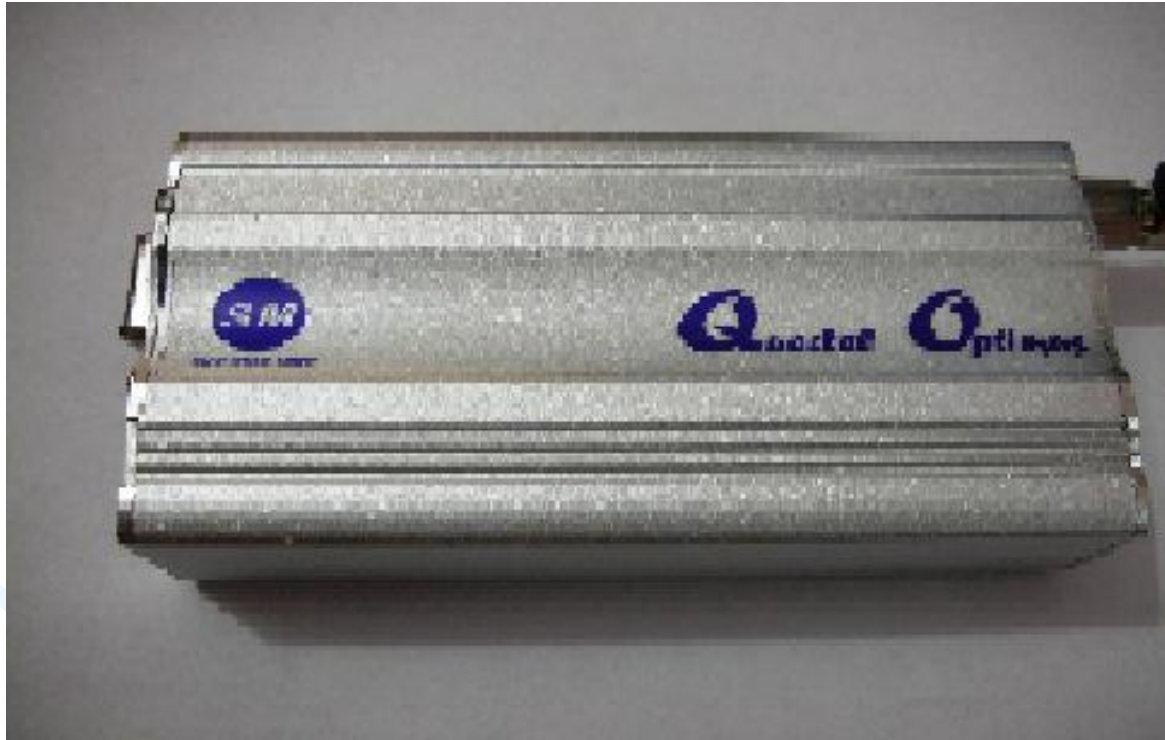


Features of M12 GSM/GPRS Board

- Development Board consists of M12 Quectel modem, Sim card slot, Regulator for Power supply for modem, RS232 Port for Serial Communication, External Antenna connector, RJ11 connector for Voice Output.
 - If the customer wishes to test the voice feature on the device then we can support them with M12 GSM/GPRS board.
 - All the technical documents needed for the customer to start up with his application will be provided with the board.
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Products Developed At SMET On Quectel

Quectel Optimus





Features of M10/M12 Quectel Optimus GSM/GPRS Modem

- Development Board consists of M12/M10 Quectel modem, Sim card slot, Regulator for Power supply for modem, RS232 Port for Serial Communication, External Antenna connector, RJ11 connector for Voice Output.
- If the customer wishes to test the voice feature on the device then we can support them with M12 GSM/GPRS board.
- All the technical documents needed for the customer to start up with his application will be provided with the board.



Note: M10 and M12 can be alternatively used based on customer requirement.

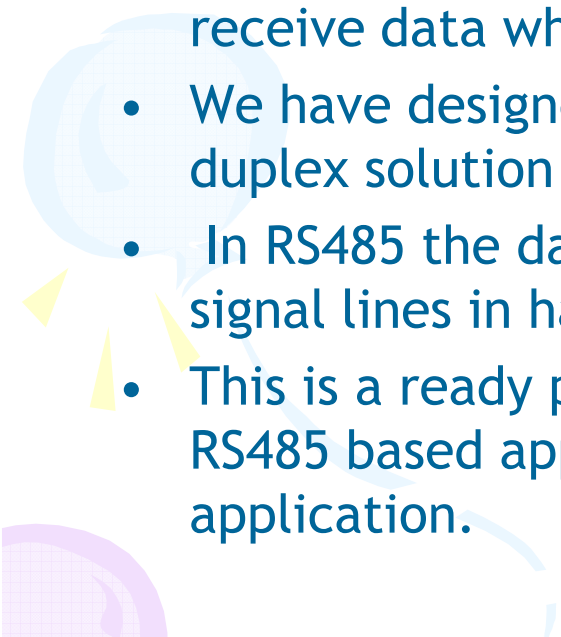
Products Developed At SMET On Quectel

Quectel M95 Based RS485 Solution





Features of M95 Based RS485 Solution

- All the solution in market now focus on RS232 interface as its cheaper and much used. But RS485 is untouched.
 - RS485 is a differential signaling interface used to transmit and receive data where a long distance communication is necessary.
 - We have designed the solution which is half duplex and a full duplex solution can also be given if required.
 - In RS485 the data transmission and reception happens with 2 signal lines in half duplex A & B respectively.
 - This is a ready plug and play design which can be used for all RS485 based application implementing GSM/GPRS into the application.
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