Local DAA Hybrid

DTMF Receiver

ADC

87C51FC-20 Encryption/Decryption Engine

1209Hz and 941Hz = "key"

Button INT

DAC

Relay

Direct from local hybrid

Local DAA Hybrid

Relays Bidirectional

Modem/DAA

UART

PSTN

Telephone

Selector Bit

PSTN Transmission

Schematic encoded by Kevin Fu
Local DAA Hydrid Telephone

DTMF Receiver

ADC

87C51FC-20 Encryption/Decryption Engine

1209Hz and 941Hz = * key

Key Interrupt

DAC

UART & Voltage Leveler

Serial Line To other Party

Serial Transmission Diagram
Schematic encoded by Kevin Fu