UART(Universal asynchronous receiver transmitter) General communication requires following parameters to understand: TxCommunication Communication serial parallel RxTx RxTx long distance slow in speed short speed is high but wires used less but wires are more ex:printer ex: tv remote GSM/GPS Rx Tx Rx/Tx Tx Tx/RxRx Rx Tx Simplex Half duplex Full duplex W-T printer ex: Mobile radio Short distance Wired Wireless long distance byte0 byte1 extra logic data/byte pos P-P ---telephone call Multicast ---conference call Broadcast --satellite Asynchronous Synchronous serial data is transmitted along with the clock

mostly parallel commn will be synch

