

### registers

TMOD	G   C/T   M1   M0   G   C/T   M1   M0
SCON	SM0 SM1 SM2  REN   T8   R8   TI   RI
IE	EA  -   ET2   ES   ET1 EX1 ET0 EX0
TCON	F1  R1  F0  R0  IE1  IT1  IE0  IT0

### BAUD RATE

Baud Rate	TH1 (Decimal)	TH1 (HEX)
9600	-3	FD
4800	-6	FA
2400	-12	F4
1200	-24	E8

### PRIORITY ORDER

Interrupt	number	pin
INT0	0	P3.2
TF0	1	P3.4
INT1	2	P3.3
TF1	3	P3.5
RI+TI	4	P3.0(Rx)+P3.1(Tx)

### TIMERS

SET TMOD  
 INITIALIZE TL , TH  
 Start Timer TR=1  
 Poll [ While(TF == 0); TR=0; TF=0; ]

### SERIAL

TMOD = 0X20  
 TH1= -3 (BAUD RATE)  
 SCON = 0X50  
 SBUF= data;  
 poll/ISR for TI/ RI

### INTERRUPT

ISR definition  
 void fxn() interrupt [] {}  
 enable interrupts IE



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