



CH_PD == conectada a vcc
 BAUD RATE=9600

Ejemplo

- AT+RST //resetea el modulo
- AT+CWMODE=1 //modo cliente
- AT+CWJAP="AP","PWD" //AP=punto de acceso PWD=clave; ambos entre ""
- AT+CIPMUX=0 //modo conexión unica
- T+CIPSTART="TCP","x.x.x.x",y //x.x.x.x=IP(ejemplo con comillas "192.168.1.1"), y=puerto(ejemplo sin comillas 1080)
- AT+CIPSEND=N //N= numero de datos a enviar; despues de enter se introducen los datos
- > //indica que esta a la espera de datos para enviar
- Cuando el modulo recibe datos, aparece lo siguiente
 +IPD,N:XXX //N=numero de datos, XXX=datos recibidos

Commands	Description	Type	Set/Execute	Inquiry	test	Parameters	Examples
AT+RST	restart the module	basic	-	-	-	-	
AT+CWQAP	quit the AP	wifi	AT+CWQAP	-	AT+CWQAP=?		
AT+CWMODE	wifi mode	wifi	AT+CWMODE=<mode>	AT+CWMODE?	AT+CWMODE=?	1= Sta, 2= AP, 3=both	
AT+CWLAP	list the AP	wifi	AT+CWLAP				
AT+CWJAP	join the AP	wifi	AT+ CWJAP =<ssid>,<pwd >	AT+ CWJAP?	-	ssid = ssid, pwd = wifi password	
AT+CIPSTART	set up TCP or UDP connection	TCP/IP	1)single connection (+CIPMUX=0) AT+CIPSTART=<type>,<addr>,<port>; 2) multiple connection (+CIPMUX=1) AT+CIPSTART=<id><type>,<addr>,<port>	-	AT+CIPSTART=?	id = 0-4, type = TCP/UDP, addr = IP address, port= port	Connect to another TCP server, set multiple connection first: AT+CIPMUX=1; connect: AT+CIPSTART=4,"TCP","X1.X2.X3.X4",9999
AT+CIPSEND	send data	TCP/IP	1)single connection(+CIPMUX=0) AT+CIPSEND=<length>; 2) multiple connection (+CIPMUX=1) AT+CIPSEND=<id>,<length>		AT+CIPSEND=?		send data: AT+CIPSEND=4,15 and then enter the data
AT+CIPCLOSE	close TCP or UDP connection	TCP/IP	AT+CIPCLOSE=<id> or AT+CIPCLOSE		AT+CIPCLOSE=?		
AT+CIFSR	Get IP address	TCP/IP	AT+CIFSR		AT+ CIFSR=?		
AT+ CWSAP	set the parameters of AP	wifi	AT+ CWSAP=<ssid>,<pwd>,<chl>,<ecn>	AT+ CWSAP?		ssid, pwd, chl = channel, ecn = encryption	Connect to your router: AT+CWJAP="YOURSSID","helloworld"; and check if connected: AT+CWJAP?
AT+CIPSTATUS	get the connection status	TCP/IP	AT+ CIPSTATUS				
AT+CIPSERVER	set as server	TCP/IP	AT+ CIPSERVER=<mode>,<port>]			mode 0 to close server mode, mode 1 to open; port = port	turn on as a TCP server: AT+CIPSERVER=1,8888, check the self server IP address: AT+CIFSR=?
AT+ CIPMUX	set mutiple connection	TCP/IP	AT+ CIPMUX=<mode>	AT+ CIPMUX?		0 for single connection 1 for mutiple connection	
+IPD	received data						