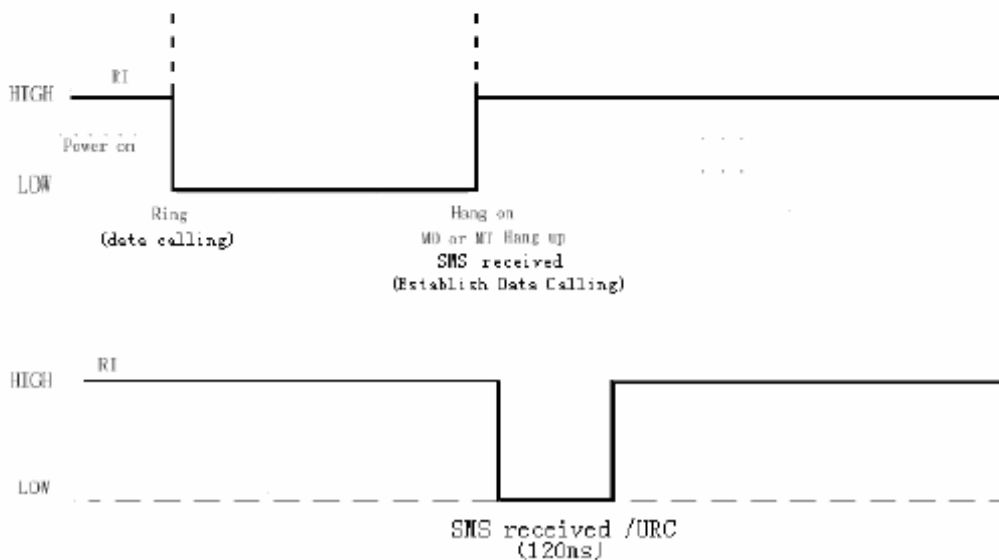




State	RI respond
Standby	HIGH
Voice calling	Change LOW, then: ' 1" Change to HIGH when establish calling. ' 2" Use AT command ATH, the RI pin changes to HIGH. ' 3" Sender hangs up, change to HIGH. ' 4" SMS received
Data calling	Change LOW, then◇ ' 1" Change to HIGH when establish calling. ' 2" Use AT command ATH, the RI changes to HIGH.
SMS	When receive SMS, The RI will change to LOW and hold low level about 120 ms, then change to HIGH.
URC	Following URCs triggers 120ms low level on RI. UNDER-VOLTAGE WARNNING OVER-VOLTAGE WARNNING +CEXTHS◇ +CEXTBUT: RING Call Ready +CBMT: +CMTI◇ +CMT◇ +TSMSINFO: +SMREADY: +CDS:



AT+CFGRI Indicate RI when using URC

Read command	
AT+ CFGRI ?	Response : +CFGRI: <status> ok
	Parameter: See set command
Set Command	
AT+ CFGRI=<status>	Response : OK Parameter: <status> 0 on 1 off
Reference	Note

We suggest that you connect the RI to an interrupt port of MCU. It can be used for waking up from power saving mode. That means the MCU will receive an interrupt while a falling edge coming on RI.

Contact us:

Shanghai SIMCom Wireless Solutions Ltd.

Add: SIM Technology Building, No. 700, Yishan Road, Shanghai, P. R. China 200233

Tel: +86 21 5427 8900

Fax: +86 21 5427 6035

URL: www.sim.com