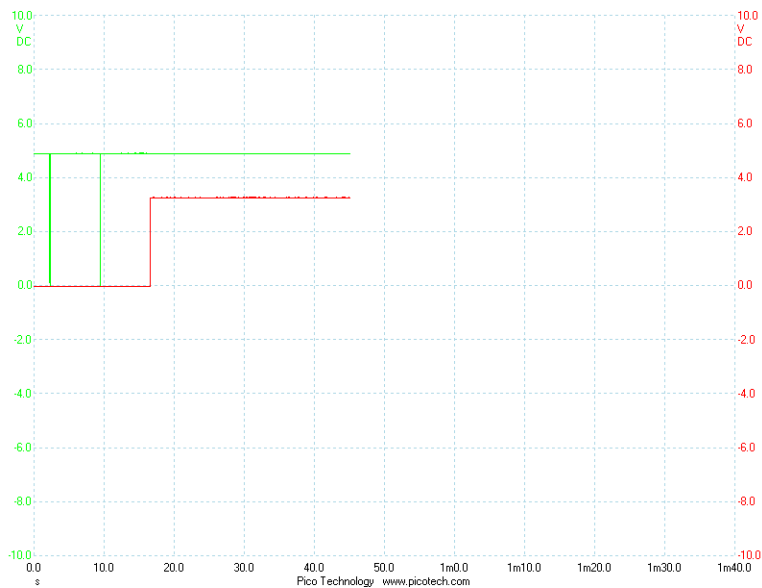Green is RTS PIN → BS2 sets it to low for Request to send

Red is CTS PIN → Datalogger keeps it low saying ready to receive
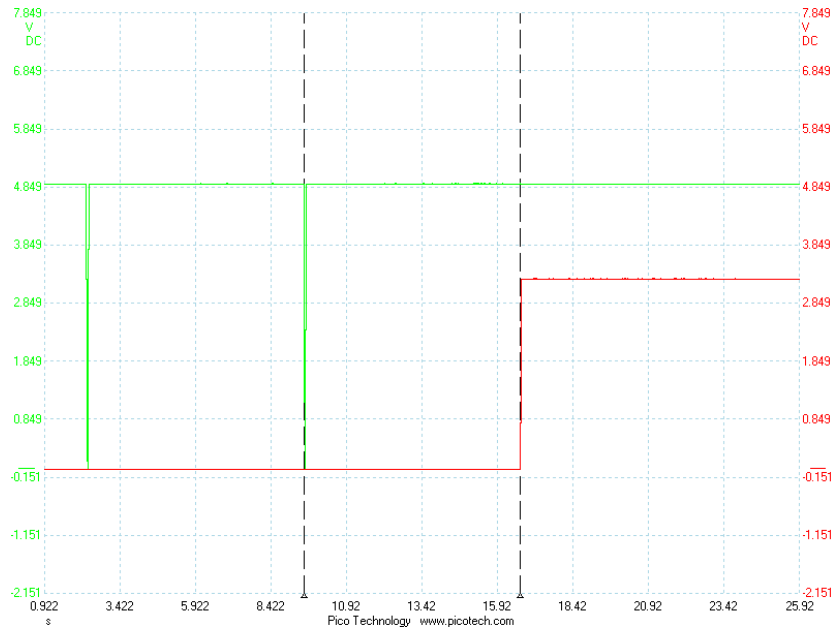
The period of the RTS PIN is ~7.2sec.
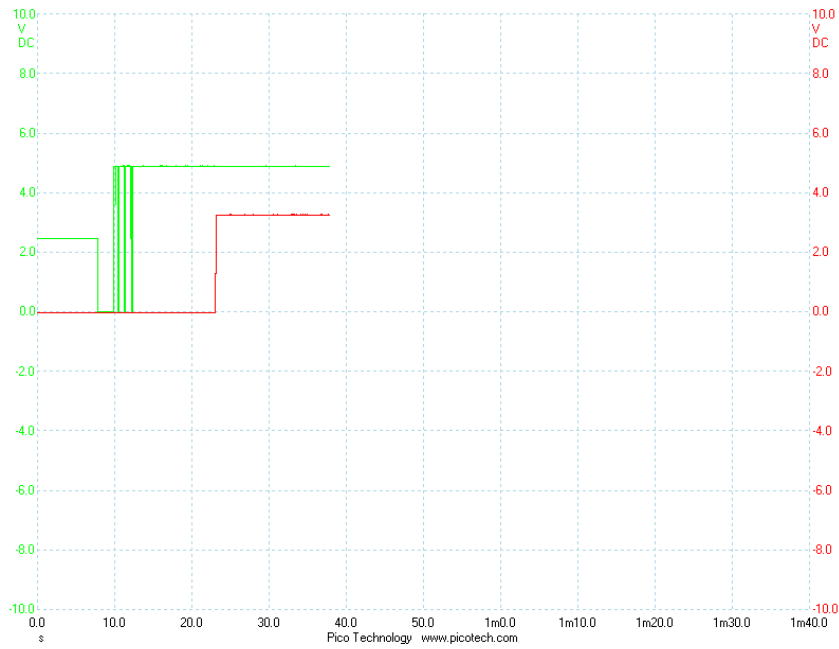

Program hangs up at the SEROUT command shown below after ~30 minutes

  SEROUT TX\CTS, Baud, [$08, $20, $00, $00, $00, $10, $0D, HEX2 hr, ",", HEX2 minute, ",", HEX2 sec, ",", HEX2 month, ",", HEX2 date, $0D, $0A, $0D]

The CTS PIN goes high to 3.3V after 7.2 sec from the last RTS low and program hangs up thereafter.

Same as the previous chart… Period is measured using the scope.

Get Data Subroutine after SEROUT in TimeData is not called and program returns to Main with RUN 0 command.