

# bq24616EVM / Negative voltage on PH pin

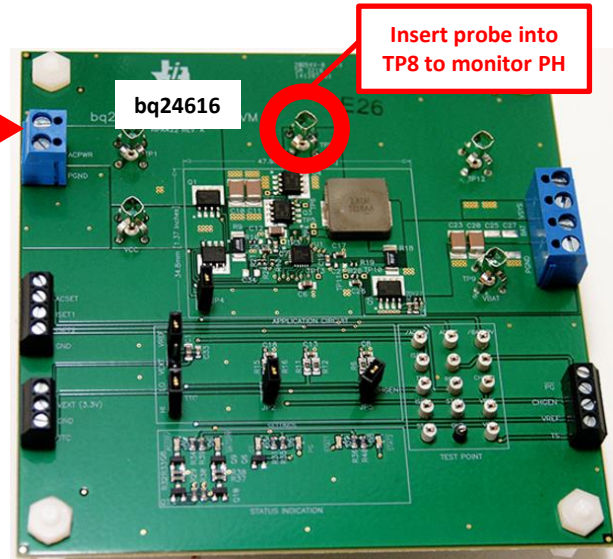
## [Background]

My customer confirmed PH pin voltage with default external component and no system load and battery, then the negative voltage over abs max rating though the duration was just about 300msec.

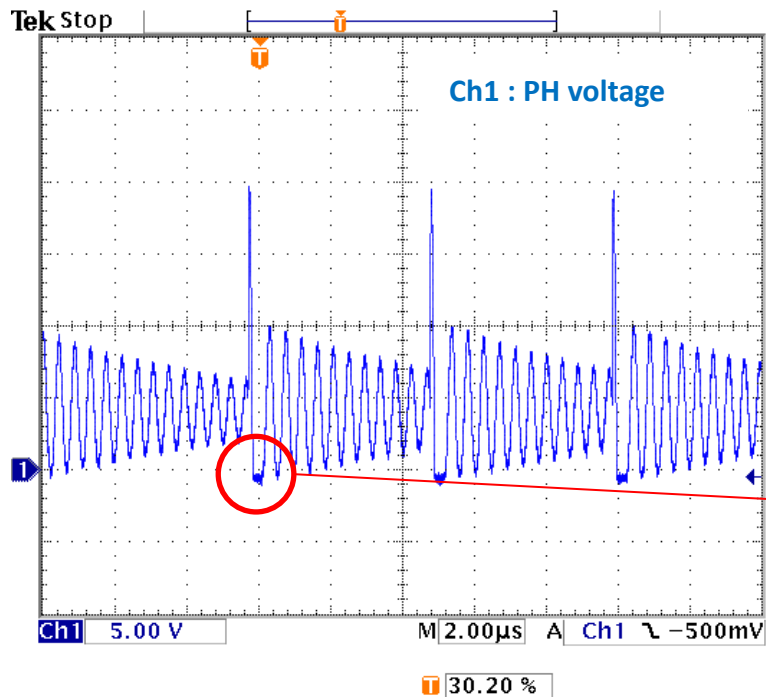
## [Question]

Do you think this negative voltage will cause of damage?

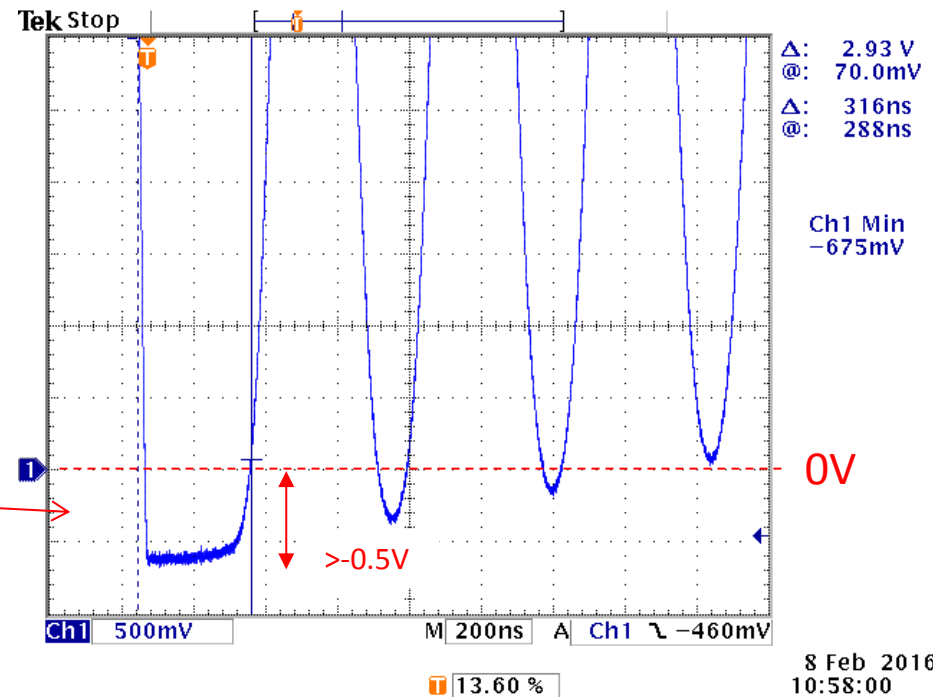
Input 19.5V  
from DC power  
supply



No battery and  
system load  
are connected



8 Feb 2016  
10:59:14



8 Feb 2016  
10:58:00