



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #20273Generic Copy

Issue Date: 31-Oct-2013**TITLE:** Final PCN for the change of the components in HIC**PROPOSED FIRST SHIP DATE:** 31-Jan-2014**AFFECTED CHANGE CATEGORY(S):** The components for HIC**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or Ryoichi.Murofushi@onsemi.com**SAMPLES:** Contact your local ON Semiconductor Sales Office or Ryoichi.Murofushi@onsemi.com**ADDITIONAL RELIABILITY DATA:** AvailableContact your local ON Semiconductor Sales Office or Kenichi.Nigo@onsemi.com**NOTIFICATION TYPE:**

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice.

To do so, contact mailto:quality@onsemi.com**DESCRIPTION AND PURPOSE:**

This is a Final Process Change Notification to announce for below contents.

The ASIC in the Hybrid IC became discontinued due to the Fab closure. The new ASIC from the Sanyo Niigata Fab will be used. The new ASIC was redesigned with the process from the Sanyo Niigata Fab. Also the substrate for this Hybrid IC will be changed.

The product design and electrical specifications will remain identical. Reliability Qualification and full electrical characterization has been completed on the designated package qualification.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION # 20273****RELIABILITY DATA SUMMARY:****Reliability Test Results:**

RELIABILITY DATA SUMMARY: Test Items	Test Condition	Test Time	Failure
High Temperature Humidity-Bias	Ta=85 degC, RH=85%, Vcc=Recommended	1000hr	0/11
High Temperature Bias	Ta=125 degC Vcc=Recommended	1000hr	0/11
Temperature Cycle	Ta=-40 degC ⇔ Ta=125 degC 1cycle=1hr.	100Cycles	0/11

ELECTRICAL CHARACTERISTIC SUMMARY:

There is no change in the electrical performance. The contents in datasheet remain unchanged .

List of affected General Parts:

STK672-040-E
STK672-050-E
STK672-060A-E
STK672-070-E
STK672-080-E
STK672-080-SL-E
STK672-081-E
STK672-081-SD-E
STK672-310A-E

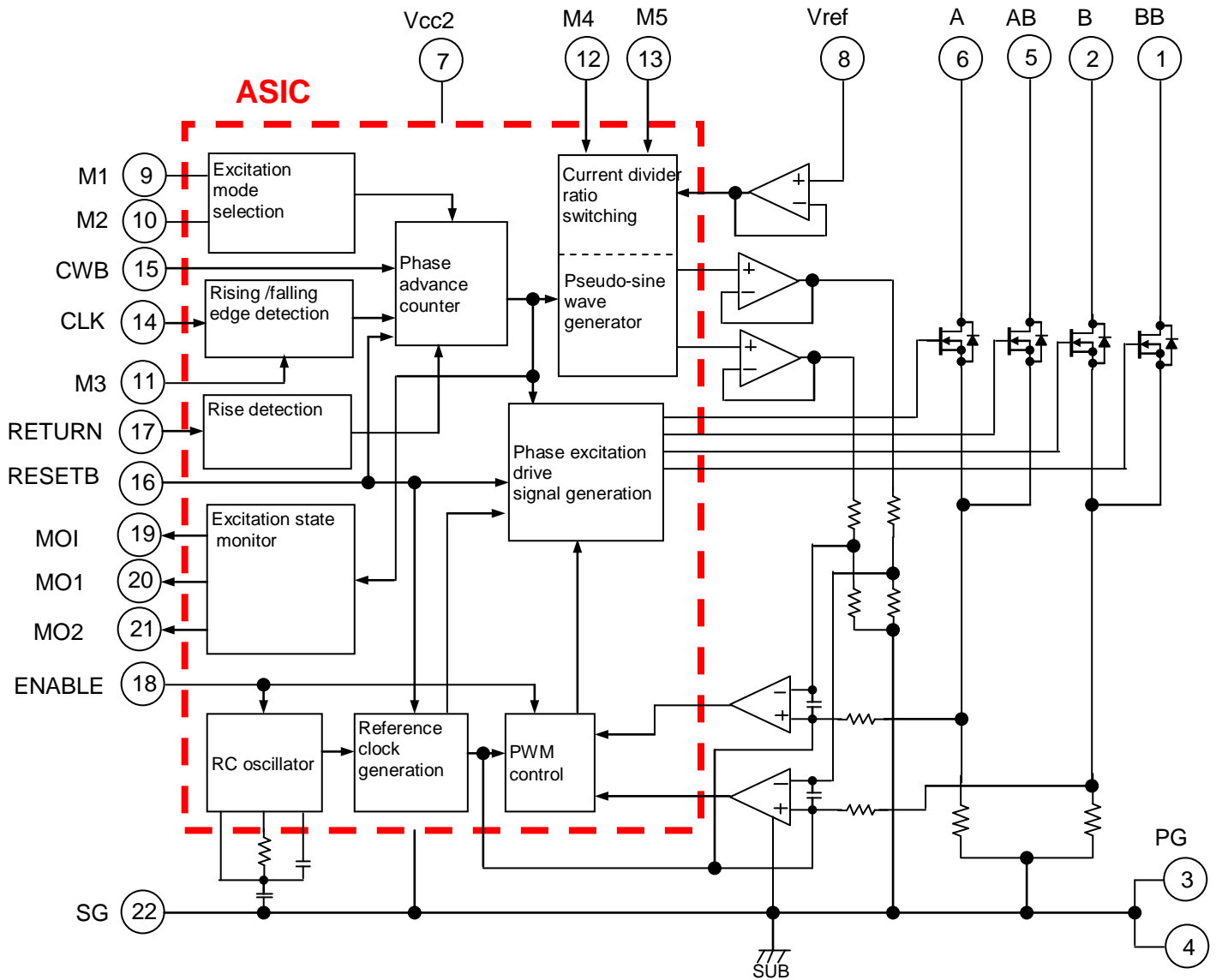


FINAL PRODUCT/PROCESS CHANGE NOTIFICATION # 20273

CHANGE PARTS

STK672-040/050/060A-E

Part in red was changed.

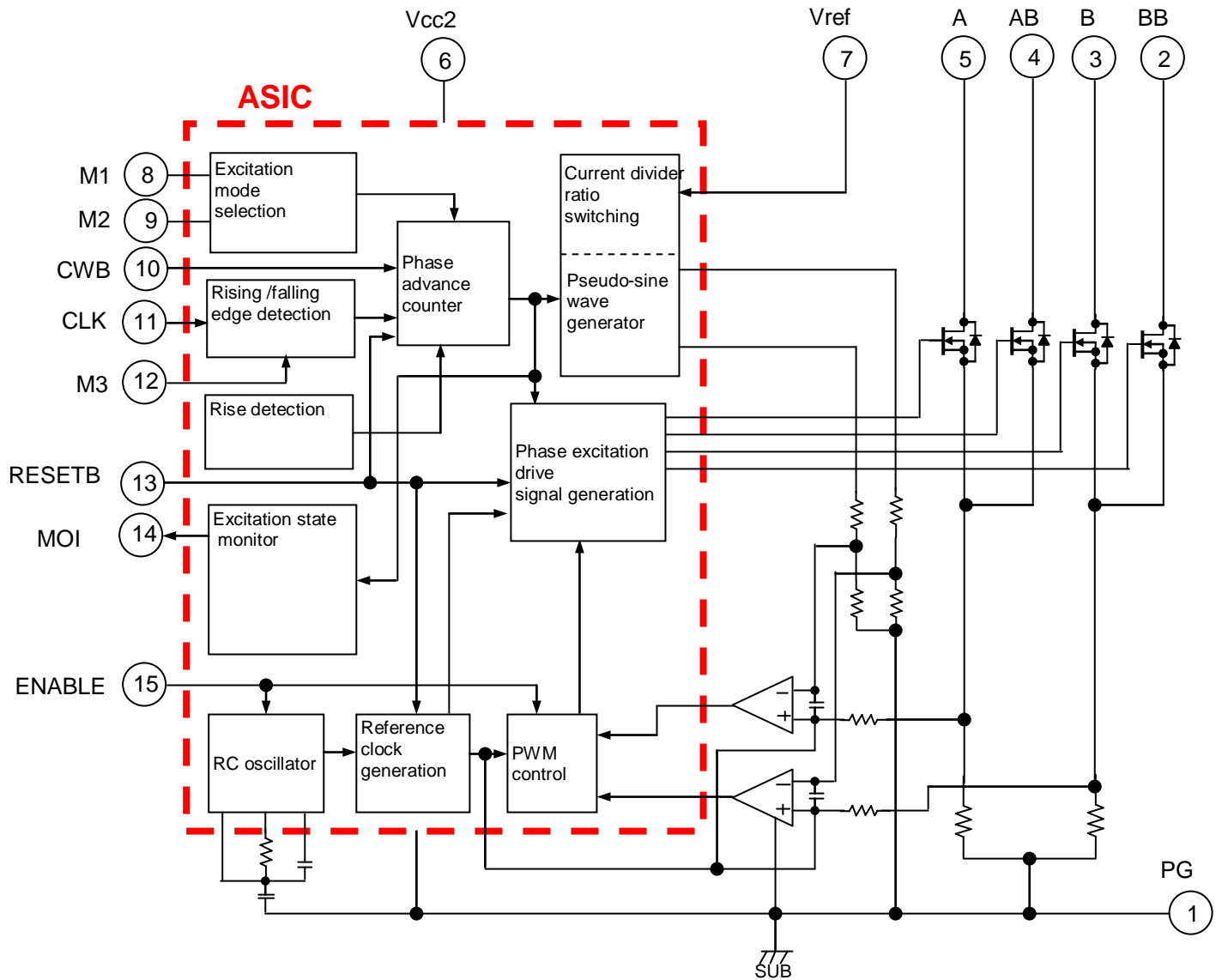




FINAL PRODUCT/PROCESS CHANGE NOTIFICATION # 20273

STK672- 070/080/080-SL/081/081-SD-E

Part in red was changed.





FINAL PRODUCT/PROCESS CHANGE NOTIFICATION # 20273

STK672- 310A-E

Part in red was changed.

