

**Customer Notification of
PRODUCT - / PROCESS CHANGE**
(according to JEDEC Standard JESD46-B August 2001)

27/August/2008

Vincotech – PCN - N° 16/2008 – Product Change

Change Description:

On the SiRFstarIII based products A1080 the new SiRF chipset GSC3fLPx will replace the older chipset GSC3fLP. As this new chipset asks for one modified voltage supply, one LDO is changed. The EMI filter is omitted. In the reset circuit the resistor value is lowered from 10k to 1k. Due to the new chipset with die based on smaller technology the current consumption is reduced by nearly 30% in tracking mode.

There is no change in the firmware or functionality involved! The difference to the outside is simply a lower current draw. Comparison for A1080 (A1035-D accordingly):

HW rev 02 (old)	
Peak Acquisition Current	52mA
Average Acquisition Current	36mA
Tracking Current	31mA
HW rev 03 (new)	3.3V
Peak Acquisition Current	32mA
Average Acquisition Current	28mA
Tracking Current	23mA

The change of the resistor in the reset circuit allows for higher immunity against short voltage peaks on the input.

Label A1080-A:



Label A1035-D:



Affected Products:

Product	Old Revision #	New Revision #
V23993-A1035-D-y	01	02
V23993-A1080-x-y	02	03
Evaluation boards		Unchanged

Should you require further technical information, please contact your sales partner or the publishing department.



Classification of change: Minor
Production site(s): Bicske/ Hungary
Detailed change description: see above
Reasons for change: introduction of chipset with lower power consumption
Implementation date: cw 35 2008
Anticipated impact on
- form: none
- fit: none
- function: none
- reliability: none
Qualification plan results: available
Qualification samples availability date: immediately
Final qualification data availability date: available
Last date of manufacture of the unchanged product: cw 34 2008
Last order date of current revision: not applicable

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Remark:

- Customers should acknowledge receipt of the PCN within 30 days of delivery of the PCN.
- Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.
- After acknowledgement, lack of additional response within the 90 day period constitutes acceptance of the change.

Signature

Name / Date

Should you require further technical information, please contact your sales partner or the publishing department.

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