



## GNSS Manufacturing Site Change Notice

### OVERVIEW

|                             |                                                                                                                                                                                                                                                                                                                                                                                         |                         |          |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|
| <b>DATE ISSUED:</b>         | 15 <sup>th</sup> Jan, 2018                                                                                                                                                                                                                                                                                                                                                              | <b>TRACKING NUMBER:</b> | 41112038 |
| <b>ISSUED BY:</b>           | AirPrime Product Management                                                                                                                                                                                                                                                                                                                                                             |                         |          |
| <b>PRODUCTS AFFECTED:</b>   | GMM-U2P, PA6H, GMM-G3, GMM-G3(B), XM1100, XA1100, XM1110, XA1110, XA1120, XA1130, GMS-HPR, Dev Kits                                                                                                                                                                                                                                                                                     |                         |          |
| <b>SKUS AFFECTED:</b>       | 1103601,1103603, 1103604, 1103644, 1103645, 1103646, 1103647, 1103648, 1103630, 1103632, 1103677, 1103679, 1103680, 1103684, 1103685, 1103686, 1103687, 1103688, 1103895, 1103904, 1103907, 1103908, 1103915, 1103640, 1103711, 1103887, 1103889, 1103897, 1103906, 1103909, 1103912, 1103913, 1103914, 1103930, 1103931, 1103979, 6001149, 6001151, 6001183, 6001184, 6001185, 6001186 |                         |          |
| <b>BULLETIN:</b>            | GNSS modules change of manufacturing site and associated changes                                                                                                                                                                                                                                                                                                                        |                         |          |
| <b>URGENCY:</b>             | Normal                                                                                                                                                                                                                                                                                                                                                                                  |                         |          |
| <b>EFFECTIVE DATE:</b>      | 15 <sup>th</sup> Jan, 2018                                                                                                                                                                                                                                                                                                                                                              |                         |          |
| <b>SAMPLE AVAILABILITY:</b> | 1 <sup>st</sup> Mar, 2018                                                                                                                                                                                                                                                                                                                                                               |                         |          |
| <b>FOR DISTRIBUTION TO:</b> | All customers and distributors                                                                                                                                                                                                                                                                                                                                                          |                         |          |

### Summary

To improve GNSS operations, starting January 2018, Sierra will begin manufacturing GNSS modules with a trusted partner at a new site in China. Current manufacturing site in Taiwan will cease operations in February 2018.

Key changes impacting future shipments include:

1. All products transferred to the new site will be assigned new SKU numbers.
2. Shipments from new site will comply with Sierra standard packaging and labeling.
  - a. Custom packaging and labelling will not be continued.
3. CoC document will not be issued with shipments starting March 2018.
4. Country of Origin will be changed from Taiwan to China

To help with the transition Sierra will offer samples for verification, if required.

### Details of Change

Buffer stock has been prepared in Taiwan to support the transition. Customers are advised to continue placing orders with existing SKU numbers. Sierra will inform you once buffer stock is depleted and it's time to change to the new SKUs.

A complete list of transferred SKUs is provided below:

| No. | Product | Old Tainan Site SKU | New China Site SKU | Firmware     | Firmware Type | Port |
|-----|---------|---------------------|--------------------|--------------|---------------|------|
| 1   | GMM-U2P | 1103601             | <b>1103845</b>     | AXN2.10_5286 | Custom        | UART |
| 2   |         | 1103603             | <b>1103846</b>     | AXN2.10_5760 | Custom        | UART |
| 3   |         | 1103604             | <b>1103847</b>     | AXN2.31_5464 | Generic       | UART |
| 4   |         | 1103644             | <b>1103848</b>     | AXN2.31_5602 | Custom        | UART |
| 5   |         | 1103645             | <b>1103849</b>     | AXN2.31_5681 | Custom        | UART |

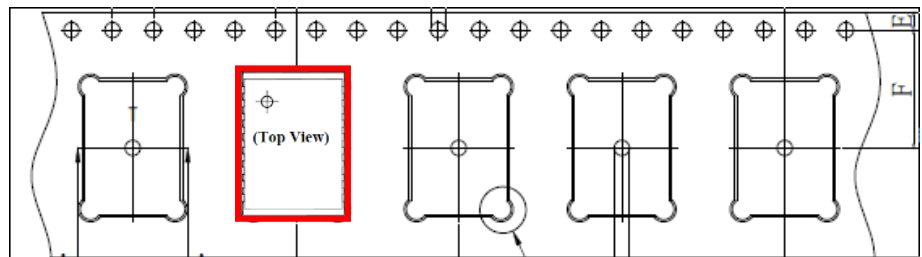
|    |                |         |                |               |         |            |
|----|----------------|---------|----------------|---------------|---------|------------|
| 6  |                | 1103646 | <b>1103850</b> | AXN2.31_5705  | Custom  | UART       |
| 7  |                | 1103647 | <b>1103851</b> | AXN2.35_5744  | Custom  | UART       |
| 8  |                | 1103648 | <b>1103852</b> | AXN2.35_5896  | Custom  | UART       |
| 9  | PA6H           | 1103630 | <b>1103853</b> | AXN2.10_5408  | Custom  | UART       |
| 10 |                | 1103632 | <b>1103854</b> | AXN2.31_5632  | Custom  | UART       |
| 11 |                | 1103677 | <b>1103855</b> | AXN2.5_5840   | Custom  | UART       |
| 12 |                | 1103679 | <b>1103856</b> | AXN2.5_5898   | Custom  | UART       |
| 13 |                | 1103680 | <b>1103857</b> | AXN2.5_5901   | Generic | UART       |
| 14 |                | 1103684 | <b>1103858</b> | AXN2.10_5339  | Custom  | UART       |
| 15 |                | 1103685 | <b>1103859</b> | AXN2.10_5406  | Custom  | UART       |
| 16 |                | 1103686 | <b>1103860</b> | AXN2.10_5805  | Custom  | UART       |
| 17 |                | 1103687 | <b>1103861</b> | AXN2.31_5485  | Custom  | UART       |
| 18 |                | 1103688 | <b>1103862</b> | AXN2.32_5762  | Custom  | UART       |
| 19 | GMM-G3         | 1103895 | <b>1103885</b> | AXN5.1.1_8525 | Generic | UART       |
| 20 |                | 1103904 | <b>1103896</b> | AXN5.1.1_8517 | Custom  | UART       |
| 21 |                | 1103907 | <b>1103899</b> | AXN5.1.1_8518 | Custom  | UART       |
| 22 |                | 1103908 | <b>1103900</b> | AXN5.1.1_8516 | Custom  | UART       |
| 23 | GMM-G3(B)      | 1103915 | <b>1103894</b> | AXN5.1.1_8526 | Generic | UART       |
| 24 | XM1100         | 1103640 | <b>1103874</b> | AXN2.32_0000  | Generic | UART       |
| 25 | XA1100         | 1103711 | <b>1103872</b> | AXN2.32_0000  | Generic | UART       |
| 26 | XM1110         | 1103887 | <b>1103886</b> | AXN5.1.1_8523 | Generic | UART, SPI  |
| 27 |                | 1103889 | <b>1103888</b> | AXN5.1.1_8529 | Generic | UART, I2C  |
| 28 |                | 1103897 | <b>1103890</b> | AXN5.1.1_8527 | Generic | UART, RTCM |
| 29 |                | 1103906 | <b>1103898</b> | AXN5.1.1_8520 | Custom  | UART, RTCM |
| 30 |                | 1103909 | <b>1103901</b> | AXN5.1.1_8519 | Custom  | UART, RTCM |
| 31 | XA1110         | 1103912 | <b>1103891</b> | AXN5.1.1_8524 | Generic | UART, SPI  |
| 32 |                | 1103913 | <b>1103892</b> | AXN5.1.1_8530 | Generic | UART, I2C  |
| 33 |                | 1103914 | <b>1103893</b> | AXN5.1.1_8528 | Generic | UART, RTCM |
| 34 | XA1120         | 1103930 | <b>1103949</b> | AXN5.1.1_8533 | Generic | UART, SPI  |
| 35 |                | N/A     | <b>1103950</b> | AXN5.1.1_8537 | Generic | UART, RTCM |
| 36 |                | N/A     | <b>1103951</b> | AXN5.1.1_8535 | Generic | UART, I2C  |
| 37 | XA1130         | 1103931 | <b>1103952</b> | AXN5.1.1_8534 | Generic | UART, SPI  |
| 38 |                | N/A     | <b>1103953</b> | AXN5.1.1_8538 | Generic | UART, RTCM |
| 39 |                | N/A     | <b>1103954</b> | AXN5.1.1_8536 | Generic | UART, I2C  |
| 40 | GMS-HPR        | 1103613 | <b>1103979</b> | AXN2.10_5414  | Custom  | UART       |
| 41 | XM1100 Dev Kit | 6001149 | <b>6001180</b> | AXN2.32_0000  | Generic | N/A        |
| 42 | XA1100 Dev Kit | 6001151 | <b>6001181</b> | AXN2.32_0000  | Generic | N/A        |
| 43 | XM1110 Dev Kit | 6001183 | <b>6001187</b> | AXN5.1.1_8523 | Generic | N/A        |
| 44 | XA1110 Dev Kit | 6001184 | <b>6001188</b> | AXN5.1.1_8524 | Generic | N/A        |

|    |                |         |                |               |         |     |
|----|----------------|---------|----------------|---------------|---------|-----|
| 45 | XA1120 Dev Kit | 6001185 | <b>6001189</b> | AXN5.1.1_8533 | Generic | N/A |
| 46 | XA1130 Dev Kit | 6001186 | <b>6001190</b> | AXN5.1.1_8534 | Generic | N/A |

New Sierra standard packaging will be used for all GNSS modules shipped from the new site. Details given below:

| No. | Product | Qty/Reel(Box) | Qty/Carton(Outbox) | POD(±0.2mm)     | T/R P1 | T/R Width |
|-----|---------|---------------|--------------------|-----------------|--------|-----------|
| 1   | GMM-U2P | 1500          | 4500               | 9.0*12.7*2.1mm  | 16mm   | 24mm      |
| 2   | GMM-G3  | 1500          | 4500               | 11.5*13*2.1mm   | 16mm   | 24mm      |
| 3   | PA6H    | 400           | 800                | 16*16*5.2mm     | 24mm   | 32mm      |
| 4   | GMS-HPR | 400           | 800                | 16*16*6.7mm     | 24mm   | 32mm      |
| 5   | XA1100  | 400           | 1200               | 12.5*12.5*6.8mm | 20mm   | 24mm      |
| 6   | XA1110  | 400           | 1200               |                 |        |           |
| 7   | XA1120  | 400           | 1200               |                 |        |           |
| 8   | XA1130  | 400           | 1200               |                 |        |           |
| 9   | XM1100  | 1500          | 4500               | 9.0*9.5*2.1mm   | 16mm   | 24mm      |
| 10  | XM1110  | 1500          | 4500               |                 |        |           |

**Tape Package**



**Reel Package**







**Box Package**




**Carton Package**



**Reel/Box Label (89\*51 mm)**

**Product Module: GMM-U2P(ex.)**  
**MANUFACTURER PN:**  
  
 XXXXXX  
**DATE CODE:** 1746   
**QTY:** XXXX   
**REEL ID:** XXXXXXXXXXXXX  
  
**Seal date:** 2017-11-15 11:34 **MADE IN CHINA**

**Carton Label (104\*64 mm)**

**PRODUCT MODULE: GMM-U2P(ex.)**  
**MANUFACTURER PN:**  
  
 XXXXXX  
**QTY:** XXXX   
**Carton NO:** XXXXXXXXXXXXX  
  
**MADE IN CHINA** **2017-11-15**

**Additional Notes:**

- All major firmware SKUs are being transferred to the new site. Some minor firmware SKUs are not being transferred. Where applicable, Sierra will recommend an alternative SKU from the transfer list.
- Labeling and packaging at new site will follow Sierra standards. Custom labeling and packaging is not continued.
- GTOP customary CoC document will not be included with shipments starting March, 2018.

**Effective Dates**

- China manufacturing site start of operations: January 2018
- Taiwan manufacturing site closure: February 2018
- New Sample availability: March 2018

**More information**

For more information please contact your Sierra Wireless sales/technical support person.