



Product/Process Change Notification (PCN)

PCN Number: PCN019

ECO Number: ECO-021

Date: 4-Feb-20

Subject of Change: Changes in crystal, DC/DC converter and manufacturing site

Products Affected: DWM1000 module

Effective from:

Q2 2020

Description of Changes:

1. Replacement of crystal and DC-DC components, which have gone EOL:

| Part | Old source | Old P/N | New source | New P/N |
|--|------------|--------------------|-----------------|--|
| Crystal (38.4 MHz) | Partron | CXC5X384000FLVRU00 | TXC | 8Y38472012 |
| DC-DC Converter with embedded inductor | Murata | LXDC2HL18A-052 | Torex Murata | XC9282B18E0R-G (converter) DFE18SANR47MG0L (inductor) |

2. Transfer of manufacturing site (COO) from Korea to China

Impact on form, fit, function, quality or reliability:

There is no impact on form, fit, quality or reliability.

Identifying changed product:

Product label: The changed product will have a label as shown below, whereas the old product has the data engraved on the shield can.

New



Old



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| DWM1000 RUPF-G001A DW YMDD XY XXX |
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Serial numbers: New parts will have serial numbers in the format YYWW1SSSS (where YY= year, WW = week number and SSSS is a sequential number).

Date code: Changed products will have date code as shown above.

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| Approved by: | Paul Costigan | Date: 04-Feb-20 | <i>Paul Costigan</i> |