



## 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<br>Murata | XC9282B18E0R-G (converter)<br>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



DWM1000  
RUPF-G001A  
DW YMDD  
XY XXX

**Serial numbers:** New parts will have serial numbers in the format YYWW1SSSSS (where YY= year, WW = week number and SSSSS is a sequential number).

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

|              |               |                 |                      |
|--------------|---------------|-----------------|----------------------|
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| Checked by:  | Andrew Flynn  | Date: 04-Feb-20 | <i>AF</i>            |
| Approved by  | Paul Costigan | Date: 04-Feb-20 | <i>Paul Costigan</i> |