"RF oscillation circuits" directions of use on these products have been added to "RL78/G1D", it reports as below.

**Direction added list**

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**Direction previously notified**

Not there.

**Revision history**

Revision history of "RL78/G1D Direction of use":

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<td>Sep. 10, 2015</td>
<td>Rev. 1.00. (This notification)</td>
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1. Direction of use added in this notice
1.1 Restriction of RF oscillation circuits

1.1.1 Restriction
RF oscillation circuits oscillate with crystal oscillator (32MHz) that be connected between XTAL1_RF and XTAL2_RF ports. However in some case there are oscillation circuits may not start oscillation in figure 1-1.

Figure 1-1. External Circuit of RF Unit Oscillation Circuit. (Previous this notice)

1.1.2 Workaround
As shown following figure 1-2, 6.8MΩ±5% must be implemented between port XTAL1_RF and GND(port AVSS_RF).

Figure 1-2. External Circuit of RF Unit Oscillation Circuit

1.1.3 Modification schedule
This matter is added to “CHAPTER 6.4.5 RF unit oscillation circuit on Figure 6-14. Examples of External Circuit of RF Unit Oscillation Circuit” and “CHAPTER 6.7 Resonator and Oscillator Constants on Figure 6-17. External Oscillation Circuit Example (c) Oscillator of RF” in the user’s manual by the next revision.

1.1.4 Target products’ name list
R5F11AGJANB, R5F11AGHANB, R5F11AGGANB, R5F11AGJDNB, R5F11AGHDNB, R5F11AGGDNB

2. Direction notified
Not there