

Figure 1. Simulation Schematic

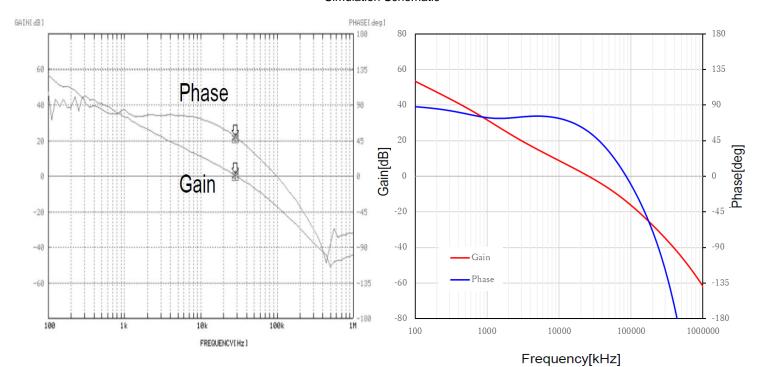


Figure 2. Frequency Characteristic (Datasheet)

Figure 3. Frequency Characteristic (ROHM Solution Simulator)

Table 1. Characteristics Comparison

| Parameter | Datasheet (Note1.2) | Simulation Result | Unit | Error | Condition |
|------------------------|------------------------|-------------------|--------|-------|--------------------|
| Phase Margin | 49 | 52.2 | degree | 6.5% | At Gain = 0dB |
| Gain Margin | 16 | 13.9 | dB | 13.1% | At Phase = 0degree |
| Crossover Frequency | 28 | 26.2 | kHz | 6.4% | At Gain = 0dB |

(Note 1) The above data is based on a specific sample and it is not a guaranteed value.

(Note 2) These characteristics depend on some dynamic characteristics of external components, input signal speed, PCB pattern and mounting condition of each on-board parts.

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