

## Method of preventing noise from being input to the CLR input pin

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### ■ Product of interest

MKY34

### ■ Description

MKY34's CLR input pin (pin 14) operates sensitively. So, even when a small signal such as jitter is input to the CLR input pin, Do (output) is cleared. In this case, since Do's output value is changed despite that the value is not changed by the center side, malfunction may seem to have occurred.

### ■ Solution

The main cause is that the level of MKY34's CLR input pin is changed by the external noise. As shown in Figure 1 below, we recommend that the CLR input pin be protected from electrical minute signals.

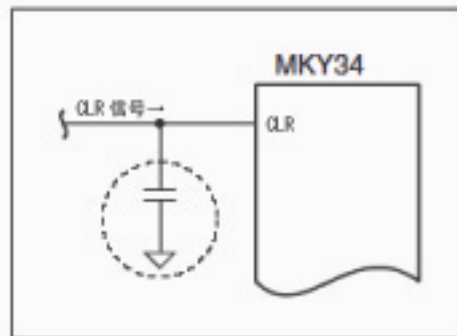


Figure 1