



# Sample Program Guideline

## Runaway detection program using watchdog timer (V850/SA1™, V850/SB1™, V850/SB2™)

This document describes the sample program that performs application-independent general-purpose control in the V850/SA1, V850/SB1, and V850/SB2.

This document consists of the following two sections.

- Outline
- Flow chart

\*Sample codes can be downloaded from the Microcomputer web page.

<Related document>

V850/SA1 Application Note (Document number: U13851E)

### Caution

This software is for reference only; NEC does not guarantee the operation. Therefore, evaluate it sufficiently beforehand with the set to be actually used.

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# Runaway detection program using watchdog timer

## Outline

When the INT switch is pressed, the watchdog timer mode register's RUN bit is not set and loop processing occurs. At that time, the watchdog timer operates and issues an INTWDT. The LED blinks to indicate this processing.

## Flow chart

