

Information to Be Added to the User's Manual of the SH7780 T-Engine Development Kit

Here is the information to be added to the user's manual included with the SH7780 T-Engine development kit (product type R0P7780TH001TRK).

The SH7780 is an MCU of the SuperH RISC engine Family.

1. Manual Concerned

Title: R0P7780TH001TRK User's Manual Rev.1.00

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2. Descriptions to Be Added

To Chapter 6, Power Supply Controller, add the following descriptions of an 8-bit register for turning LEDs on and off.

LED Control

The LED control register and its functions of controlling LEDs are summarized below.

The register controls the turning on and off of the LEDs (LED1--LED8) on the CPU board.

LED Control register

LED control register				
Register	Abbreviation	Address	R/W	Size
LED register	LEDR	0x00A0	R/W	1byte

LED register (LEDR)

Address: 0x00A0 Initial value: 0xXX							
D7	D6	D5	D4	D3	D2	D1	D0

LED8	LED7	LED6	LED5	LED4	LED3	LED2	LED1
R/W	R/W	R/W	R/W	R/W	R/W	R/W	R/W

Writing a 1 or 0 to the Dn bit turns the LEDn on or off.

LED n	
LEDn bit	Setting
0	LEDn is turned OFF.
1	LEDn is turned ON.

See the modified R0P7780TH001TR users' manual (excerpted version) at [here](#).

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