

Step	Product information	Contents Type	Contents name	Link	Video	
1	Datasheet	Document	Datasheet	Link		
	User's Manual	Document	User's Manual:Hardware	Link		
Step	Launch of board and evaluation environment	Contents Type	Contents name	Link	Video	
1	Board Information/ how to get	Info/Purchase	Renesas Starter Kit+ for RZ/T2ME Web page	Link		
2	How to start up the board	Document	Renesas Starter Kit+ for RZ/T2ME Quick Start Guide	Link		
		Document	Renesas Starter Kit+ for RZ/T2M, RZ/T2ME User's Manual	Link		
		video	RZ/T2M RZ/T2L RZ/N2L Boot Mode Overview		Link	
		video	RZ/T RZ/N FSP Tutorial -Pin Configuration Funtion		Link	
		video	RZ/T RZ/N FSP Tutorial for FSP Configuration (1/2) - Introduction of Tabs		Link	
3	Evaluation Environment start-up method	Document	RZ/T2,RZ/N2 Getting Started with Flexible Software Package	Link		
3-1	Renesas e ² studio + FSP	exe File	Installer of e ² studio and RZ/T2 FSP	Link	Link	
	Segger J-Link	Tool Info/Get	J-Link	Link		
3-2	IAR Embedded Workbench for Arm IAR I-jet ICE smart configurator for EWARM + FSP FSP	Tool Info/Get	IAR Embedded Workbench for Arm(ver.9.60.1 or later)*1	Link		
		Tool Info/Get	I-jet	Link		
		exe File	Installer of RZ/T2 FSP SC and FSP(for IAR Embedded Workbench)	Link	Link	
	Zip File	RZ/T2 FSP Packs	Link			
	Zip File	EWARM patch for RZ/T2ME	Link			
3-3	Flexible Software Package(FSP)	Tool Info/Get	GitHub : renesas/rzt-fsp	Link		
*1 Regarding IAR Embedded Workbench for Arm: 9.60.1, if you are a maintenance contract user, please contact us via "My Pages" on the IAR website or contact technical support. If you are not a maintenance contract user, please contact an IAR sales representative. When using IAR, download Smart Configurator and the EWARM Patch from Software Downloads.						
4	How to get various software	Sample Program	RZ/T2ME Example program	Link		
		Sample Program	RZ/T2M Example program →For detail, see next page	Link		
		Sample Program	RZ/T2ME Group Security solution package	Link		
		Sample Program	RZ/T2ME OTFD On The Fly Decryption	Link		
	4-1	Encoder I/F Sample Program	Sample Program	RZ/T2ME Group IEEE 1588-2019 Sample application	Link	
			Sample Program	RZ/T2M Group Encoder I/F Configuration sample Program	Link	
			Sample Program	RZ/T2M Group Dual Encoder sample program	Link	
			Sample Program	RZ/T2M Group ENCOU Sample Code	Link	
			Sample Program	RZ/T2M Group Encoder I/F A-format sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F Biss-C sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F EnDat sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F EnDat Safety sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F HIPERFACE DSL sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F HIPERFACE DSL Safety sample Program	Link	
	4-2	Industrial Network Sample Program	Sample Program	RZ/T2M Group Encoder I/F SSI sample Program	Link	
			Sample Program	RZ/T2M Group Encoder I/F FA-CODER sample Program	Link	
			Sample Program	RZ/T2M Group EtherCAT Sample Program	Link	
			Sample Program	RZ/T2M Group Modbus Sample Program	Link	
			Sample Program	RZ/T2M Group EtherNet/IP OpENer Sample Program	Link	
Step	Custom board development	Contents Type	Contents name	Link	Video	
	Design guide	Document	RZ/T2M, RZ/N2L Group Hardware Design Guide	Link		
	IBIS (for LSI)	IBIS	RZ/T2M 320pin IBIS*2	Link		
IBIS		RZ/T2M 225pin IBIS*2	Link			
	Boundary Scan Description Language	BSDL	RZ/T2M 320pin FBGA (R9A07G075GBG) BSDL*2	Link		
BSDL		RZ/T2M 225pin FBGA (R9A07G075GBA) BSDL*2	Link			
	Semiconductor Package Mount Manual	Document	Semiconductor Package Mount Manual	Link		
*2 Same as RZ/T2M can be used.						

RZ/T2M Example program Detail

Category	Function	Module name	File name	Video	
Memory	Shared Memory	r_shared_memory	RZT2M_RSK_shared_memory_Rev100.zip		
System	Bus State Controller	r_bsc	RZT2M_RSK_bsc_Rev100.zip RZT2M_RSK_bsc_sdram_Rev100.zip		
	Clock Generation Circuit	r_cgc	RZT2M_RSK_cgc_Rev100.zip		
	Inter-CPU IRQ on ICU	r_icu_inter_cpu_irq	RZT2M_RSK_icu_inter_cpu_irq_Rev100.zip		
	BSP Dual	-	RZT2M_RSK_bsp_dual_Rev100.zip		
Timer & Peripheral	Analog to Digital Converter	r_adc	RZT2M_RSK_adc_Rev120.zip	Link	
	Compare Match Timer	r_cmt	RZT2M_RSK_cmt_Rev100.zip		
	Compare Match Timer W	r_cmtw	RZT2M_RSK_cmtw_Rev100.zip		
	Delta-sigma interface	r_dsmif	RZT2M_RSK_dsmif_gpt_poeg_Rev120.zip	Link	
	General PWM Timer	r_gpt			
	Port Output Enable for GPT	r_poeg			
	General PWM Timer phase count Motor Control Driver	r_gpt_phase_count	RZT2M_RSK_gpt_phase_count_Rev110.zip		
	Multi-Function Timer Pulse Unit 3 Port Output Enable	r_mtu3 r_poe3	RZT2M_RSK_mtu3_poe3_Rev120.zip		
Multi-Function Timer Pulse Unit 3 phase count Motor Control Driver	r_mtu3_phase_count	RZT2M_RSK_mtu3_Rev100.zip			
Direct memory access	Direct Memory Access Controller	r_dmac	RZT2M_RSK_dmac_Rev100.zip		
Event Link	Event Link Controller	r_elc	RZT2M_RSK_elc_Rev100.zip		
Communication Interface	Ethernet	r_ether	RZT2M_RSK_Ethernet_Rev130.zip		
	Ethernet PHY	r_ether_phy			
	Ethernet SWITCH	r_ether_switch			
	Ethernet SELECTOR	r_ether_selector			
	Controller Area Network - Flexible Data (CAN-FD)	r_canfd	RZT2M_RSK_canfd_Rev100.zip		
	I2C Master on IIC	r_iic_master	RZT2M_RSK_iic_master_Rev100.zip RZT2M_RSK_iic_master_dmac_Rev100.zip		
	I2C Slave on IIC	r_iic_slave	RZT2M_RSK_iic_slave_Rev100.zip		
	Serial Communications Interface (SCI) UART	r_scif_uart	RZT2M_RSK_sci_uart_Rev130.zip RZT2M_RSK_sci_uart_dmac_Rev110.zip		
	Serial Peripheral Interface	r_spi	RZT2M_RSK_spi_Rev100.zip RZT2M_RSK_spi_dmac_Rev100.zip		
	USB Peripheral Communications Device Class	r_usb_basic r_usb_pcdc	RZT2M_RSK_usb_pcdc_Rev120.zip		
	USB Peripheral Mass Storage Class	r_usb_basic r_usb_pmsc rm_block_media_user	RZT2M_RSK_usb_pmsc_Rev100.zip		
	USB Host Communications Device Class Driver	r_usb_basic r_usb_hcdc	RZT2M_RSK_usb_hcdc_Rev120.zip		
	USB Host Human Interface Device Class Driver	r_usb_basic r_usb_hhid	RZT2M_RSK_usb_hhid_Rev100.zip		
	USB Host Mass Storage Class Driver*3	r_usb_basic r_usb_hmassc	RZT2M_RSK_usb_hmassc_Rev110.zip		
	Expanded Serial Peripheral Interface (xSPI) QSPI	r_xspi_qspi	RZT2M_RSK_xspi_qspi_Rev100.zip RZT2M_RSK_xspi_qspi_xip_Rev101.zip	*4 *4	
	Expanded Serial Peripheral Interface (xSPI) OSPI	r_xspi_ospi	RZT2M_RSK_xspi_ospi_Rev100.zip		
	HyperRAM	-	RZT2M_RSK_HyperRAM_Rev100.zip		
	Other	FreeRTOS Plus TCP	rm_Freertos_plus_tcp	RZT2M_RSK_FreeRTOSplusTCP_Rev100.zip	

*3 : This driver is not included in FSP.

*4 : These sample program does not work at RZ/T2ME. Please use RZ/T2ME's example program.