

Step	Product information	Contents Type	Contents name	Link	Video
1	Flyer	Document	Renesas RZ/T2L Group	Link	
	Datasheet	Document	Datasheet	Link	
	User's Manual	Document	User's Manual:Hardware	Link	
	60 seconds video	video	RZ/T2L High-performance MPU for Real-Time Control with EtherCAT		Link
	Blog		Accelerate Product Deployment of a Fast, Accurate Control and EtherCAT Communication with RZ/T2L MPU	Link	
	Webinar	video	RZ/T2L Product Introduction		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/T2L Web page	Link	
2	How to start up the board				
		Document	Renesas Starter Kit+ for RZ/T2L Quick Start Guide	Link	
		Document	Renesas Starter Kit+ for RZ/T2L 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
3	Evaluation Environment start-up method				
		Document	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	Tool Info/Get	IAR Embedded Workbench for Arm(ver.9.32.1 or later)	Link	
	IAR I-jet ICE	Tool Info/Get	I-jet	Link	
	smart configurator for EWARM + FSP	exe File	Installer of RZ/T2 FSP SC and FSP(for IAR Embedded Workbench)	Link	Link
	FSP	Zip File	RZ/T2 FSP Packs	Link	
3-3	Flexible Software Package(FSP)	Tool Info/Get	GitHub : renesas/rzt-fsp	Link	
4	How to get various software				
		Sample Program	RZ/T2L Example program →For detail, see the table below	Link	
		Sample Program	RZ/T2 and RZ/N2 Group Device Setup Guide for Flash boot Sample Program	Link	
		Sample Program	RZ/T2, RZ/N2 Firmware Update Sample Program	Link	
		Sample Program	RZ/T2L Group lwIP Protocol Stack Sample Program	Link	
		Sample Program	RZ/T2, RZ/N2 Group CMSIS-DSP Library	Link	
4-1	Encoder I/F Sample Program	Sample Program	RZ/T2L Group ENCOU Sample Code	Link	
		Sample Program	RZ/T2L Group Encoder I/F A-format sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F Biss-C sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F EnDat sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F HIPERFACE DSL sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F HIPERFACE DSL Safety sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F SSI sample Program	Link	
		Sample Program	RZ/T2L Group Encoder I/F FA-CODER sample Program	Link	
4-2	Industrial Network Sample Program	Sample Program	RZ/T2L Group EtherCAT Sample Program	Link	Link
		Sample Program	RZ/T2L Group Modbus Sample Program	Link	

Step	Motor Solution Kit(AC 220V version)	Contents Type	Contents name	Link	Video
1	Board Information/ how to get				
		Info	AC Servo Solution Kit	Link	
		Schematic	CN032 AC Servo Solution Design Package	Link	
2	How to start up the board				
		Document	CN032 AC Servo Solution Startup Guide (for Motion Control Utility)	Link	
		Document	CN032 AC Servo Solution Hardware Manual (for RZ/T2L)	Link	
		Document	CN032 AC Servo Solution Firmware Manual	Link	
		Document	CN032 AC Servo Solution Startup Guide (for EtherCAT)	Link	
3	How to run software				
		Sample Program	CN032 AC Servo Solution Package	Link	

Step	Custom board development	Contents Type	Contents name	Link	Video
	IBIS (for LSI)	IBIS	RZ/T2L IBIS	Link	
	Boundary Scan Description Language	BSDL	RZ/T2L BSDL	Link	
	Reliability Report	Document	R9A07G074MXXGBG Reliability Report	Link	
	Semiconductor Package Mount Manual	Document	Semiconductor Package Mount Manual	Link	

Step	Information for engineer	Contents Type	Contents name	Link	Video
As needed	FAQ	Info	RZ/T2L FAQ page	Link	
	Notes	Info			
		Document	Site addition of package assembly and final test(PC-SOC-A007A/E)	Link	

RZ/T2L Example program Detail

Category	Function	Module name	File name	Video
System	Clock Generation Circuit	r_cgc	RZT2L_RSK_cgc_Rev100.zip	
Timer & Peripheral	Analog to Digital Converter	r_adc	RZT2L_RSK_adc_Rev100.zip	
	Compare Match Timer	r_cmt	RZT2L_RSK_cmt_Rev100.zip	
	Compare Match Timer W	r_cmtw	RZT2L_RSK_cmtw_Rev100.zip	
	Delta-sigma interface	r_dsmif	RZT2L_RSK_dsmif_gpt_poeg_Rev110.zip	
	General PWM Timer	r_gpt		
	Port Output Enable for GPT	r_poeg		
	Multi-Function Timer Pulse Unit 3 Port Output Enable	r_mtu3	RZT2L_RSK_mtu3_poe3_Rev100.zip	
r_poe3				
Direct memory access	Direct Memory Access Controller	r_dmac	RZT2L_RSK_dmac_Rev100.zip	
Event Link	Event Link Controller	r_elc	RZT2L_RSK_elc_Rev100.zip	
Communication Interface	Ethernet	r_ether	RZT2L_RSK_Ethernet_Rev120.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	RZT2L_RSK_canfd_Rev100.zip	
	I2C Master on IIC	r_iic_master	RZT2L_RSK_iic_master_Rev100.zip	
			RZT2L_RSK_iic_master_dmac_Rev100.zip	
	I2C Slave on IIC	r_iic_slave	RZT2L_RSK_iic_slave_Rev100.zip	
	Serial Communications Interface (SCI) UART	r_scif_uart	RZT2L_RSK_sci_uart_Rev110.zip	
			RZT2L_RSK_sci_uart_dmac_Rev10	
	Serial Peripheral Interface	r_spi	RZT2L_RSK_spi_Rev100.zip	
			RZT2L_RSK_spi_dmac_Rev100.zip	
	USB Peripheral Communications Device Class	r_usb_basic	RZT2L_RSK_usb_pcdc_Rev100.zip	
		r_usb_pcdc		
	USB Peripheral Mass Storage Class	r_usb_basic	RZT2L_RSK_usb_pmsc_Rev100.zip	
		r_usb_pmsc		
	USB Host Communications Device Class Driver	r_usb_basic	RZT2L_RSK_usb_hcdc_Rev100.zip	
		r_usb_hcdc		
	USB Host Human Interface Device Class Driver	r_usb_basic	RZT2L_RSK_usb_hhid_Rev100.zip	
r_usb_hhid				
Expanded Serial Peripheral Interface (xSPI) QSPI	r_xspi_qspi	RZT2L_RSK_xspi_qspi_Rev100.zip		
		RZT2L_RSK_xspi_qspi_xip_Rev100.zip		
Expanded Serial Peripheral Interface (xSPI) OSPI	r_xspi_ospi	RZT2L_RSK_xspi_ospi_Rev100.zip		
Other	FreeRTOS	rm_freertos_port	RZT2L_RSK_FreeRTOS_Rev100.zip	
	FreeRTOS, TCP	rm_freertos_plus_tcp	RZT2L_RSK_FreeRTOSplusTCP_Rev100.zip	
	- *1	-	RZT2L_RSK_HyperRAM_Rev100.zip	

*1: This program does not use any mainly modules.

