

RZ/T2L Easy Download Guide

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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	
		Info/Purchase	RZ/T2L Safety Network Reference Kit (RZ/T2L-SAFETY-NETWORK)	Link	Link
		Info/Purchase	RZ/T2M & T2L Safety Motor Control Solution	Link	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	
		Document	RZ/T2M, RZ/T2ME, RZ/T2L, RZ/N2L Group Hardware Design Guide	Link	
		Video	RZ/T2M RZ/T2L RZ/N2L Boot Mode Overview		Link
		Video	RZ/T RZ/N FSP Tutorial - Pin Configuration Function		Link
		Video	RZ/T RZ/N FSP Tutorial for FSP Configuration (1/2) - Introduction of Tabs		Link
		Video	RZ/T RZ/N FSP Tutorial for FSP Configuration (2/2) - How to Use		Link
		Video	Get Started with RZ/T2L FSoE Reference Software		Link
		Video	RZ/T2L FuSa Reference Kit: How to Communicate with FSoE		Link
3	Evaluation Environment start-up method	Document	Getting Started with Flexible Software Package	Link	
		exe File	Installer of e ² studio and RZ/T2 FSP	Link	Link
		Tool Info/Get	J-Link	Link	
		Tool Info/Get	IAR Embedded Workbench for Arm(ver.9.32.1 or later)	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	
4	How to get various software	GitHub	RZ/T2L RSK Example Project Bundle	Link	
		GitHub	RZ/T2L RSK Example Project Detail	Link	
		Sample Program	RZ/T2L Example program (Deprecated)	Link	
		Sample Program	RZ/T2L Group Example of separating loader program and application program	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	
		Sample Program	RZ/T2M, T2L, N2L Group Security Solution Package	Link	
		Sample Program	RZ/T2, RZ/N2 How to Use Mbed TLS	Link	
		Sample Program	RZ/T2L Group ENCOUT Sample Code	Link	
		Sample Program	RZ/T2L Group Encoder I/F A-format sample Program	Link	
	4-1 Encoder I/F Sample Program	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	
		Sample Program	RZ/T2L Group SPI Interface Usage Sample Program for HIPERFACE DSL Safety	Link	
	4-2 Industrial Network Sample Program	Sample Program	RZ/T2, RZ/N2 EtherCAT Sample Program Package	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	Document	Motor Control Resources Easy Download Guide	Link	
		Document	Motor Solutions Brochure	Link	
		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	RZ/T2M & T2L Safety Motor Control Solution	Contents Type	Contents name	Link	Video
1	Board Information/ how to get	Web	RZ/T2M & RZ/T2L Safety Motor Control Demonstration Kit	Link	Link
		Document	RTK0EF0190D01001BJ User's Manual	Link	
2	How to start up the board	Document	RZ/T2M, RZ/T2L Group Safety Motor Control Reference Kit Startup Manual(EtherCAT/FSoE)	Link	
		Document	RZ/T2M Encoder Vector Control of Permanent Magnet Synchronous Motor - Serial Encoder	Link	
		Video	RZ/T2M & RZ/T2L Safety Motor Control Reference Kit: FSoE Communication Setup		Link
Step	RZ/T2L Safety Network Reference Kit	Contents Type	Contents name	Link	Video
	Board Information/ how to get	WEB	RZ/T2L Safety Network Reference Kit (RZ/T2L-SAFETY-NETWORK)	Link	
		Video	RZ/T2L Functional Safety Reference Kitのご紹介		Link
		Document	RZ/T2L Safety Network Reference Kit System Configuration	Link	
	How to start up the board	Document	RZ/T2L x2 Functional Safety Reference Board User's Manual	Link	
		Document	RZ/T2L FuSa Reference Kit Startup Manual (PROFIsafe)	Link	Link
		Document	RZ/T2L FuSa Reference Kit (CIP Safety)	Link	Link
		Design Data	RTK0EF0179D01001BJ Design Data	Link	
Step	Functional Safety	Contents Type	Contents name	Link	Video
	Functional Safety	Web	IEC 61508 Functional Safety for Industrial Applications	Link	
		Registration	Request for Renesas Functional Safety Package	Link	
Step	Custom board development	Contents Type	Contents name	Link	Video
	Design Guide	Document	RZ/T2M, RZ/T2ME, RZ/T2L, RZ/N2L Group Hardware Design Guide	Link	
	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's	Link	
	Notes	Info.	RZ/T2L Tool News	Link	
		Info.	RZ/T2L Technical Update	Link	