

RZ/N2L Easy Download Guide

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Step	Product information	Contents Type	Contents name	Link	Video
1	Flyer	Document	Renesas RZ/N2L Group	Link	
	Datasheet	Document	Datasheet	Link	
	User's Manual	Document	User's Manual:Hardware	Link	
	Introduction video	video	RZ/N2L MPU Enables Easy Implementation of Industrial Ethernet and TSN		Link
	Product introduction video	video	RZ/N2L Product Concept & Highlights		Link
	Blog		RZ/N2L Microprocessor to Implement Industrial Ethernet and TSN for Industrial Equipment	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/N2L Web page	Link	
2	How to start up the board		Document	Renesas Starter Kit+ for RZ/N2L Quick Start Guide	Link	
			Document	Renesas Starter Kit+ for RZ/N2L 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	Getting Started with Flexible Software Packege	Link	
3-1	Renesas e ² studio +FSP		exe File	Installer of e ² studio and RZ/N2L FSP	Link	Link
			Zipファイル	e2 studio Macro for RZ/N2L	Link	
3-2	Segger J-Link		Tool Info/Get	J-Link	Link	
	IAR Embedded Workbench for Arm		Tool Info/Get	Installer of EWARM(ver.9.30.1 or later)	Link	
	IAR I-jet ICE		Tool Info/Get	I-jet	Link	
	smart configurator for EWARM +FSP		exe File	RZ/N2L FSP SC and FSP Installer(for IAR Embedded Workbench)	Link	Link
3-3	FSP		Zip File	RZ/N2 FSP_Packs	Link	
			GitHub	GitHub : renesas/rzn-fsp	Link	
3-4	BACnet Start up		Tool Info/Get	BACnet Start up	Link	
4	How to get various software		Sample Program	RZ/N2L-RSK Example Project Bundle	Link	
			GitHub	RZ/N2L-RSK Example Project Detail	Link	
			Sample Program	RZ/N2L Example program (Deprecated)	Link	
			Sample Program	RZ/T2, RZ/N2 Quick Start Guide: Firmware Update	Link	
			Sample Program	RZ/T2, RZ/N2 Device Setup Guide for Flash Boot	Link	
			Sample Program	RZ/N2L Group Example of separating loader program and application program projects	Link	
			Sample Program	RZ/N2L Group TCP/IP lwIP Sample Program Package	Link	
			Sample Program	RZ/N2L Group SHOSTIF Sample program Package	Link	
			Sample Program	RZ/T2, RZ/N2 Group CMSIS-DSP Library	Link	
			Sample Program	RZ/T2, RZ/N2 How to Use Mbed TLS	Link	
			Sample Program	RZ/T2M, T2L, N2L Group Security Solution	Link	
	4-1	Encoder I/F Sample Program	Sample Program	RZ/N2L Group Encoder I/F SSI sample Program	Link	
	4-2	Industrial Network Sample Program	Sample Program	RZ/N2L Group Encoder I/F FA-CODER sample Program	Link	
			Sample Program	RZ/N2L Group EtherCAT Sample Program	Link	Link
			Sample Program	RZ/N2L Group Modbus TCP Sample Program Package	Link	
			Sample Program	RZ/N2L Group EtherNet/IP OpENer Sample Program Package	Link	
			Sample Program	RZ/N2L Group OPC UA Server Sample Software	Link	
	4-3	Building Automation Sample Program	Sample Program	RZ/T2, RZ/N2 PROFINET IRT DEVKIT	Link	Link
			Sample Program	RZ/N2L Group Industrial Ethernet Protocol Auto-Detection	Link	
			Sample Program	RZ/N2L BACnet Sample Software	Link	Link
			Sample Program	RZ/N2L BACnet to OPC UA Gateway Sample Software	Link	

Step	Motor Slution 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 Solution 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/T2M, RZ/N2L)	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/N2L Industrial Network SOM Kit	Contents Type	Contents name	Link	Video
1	Board Information/ how to get	Info	YCONNECT-IT-RZN2L web page	Link	
		Zip File	RZ/N2L Industrial Network SOM Kit Design Data	Link	
2	How to start up the board	Document	RZ/N2L Industrial Network SOM Kit User's Manual	Link	
		Document	RZ/N2L Industrial Network SOM Kit Startup Guide: LED Blinky Sample Program	Link	
3	How to get various software				
		Sample Program	RZ/N2L Industrial Network SOM Kit Software Package	Link	
		Document	Application Note: HTTP Server Sample Program	Link	
		Document	Application Note: EtherCAT Slave Software	Link	
		Document	Application Note: EtherCAT CiA402 Slave Software	Link	
		Document	Application Note: EtherNet/IP OpENer Sample Program	Link	
Step	RZ/N2L Remote I/O Solution Kit	Contents Type	Contents name	Link	Video
1	Board Information/ how to get	Info	CN032-GATEWAYREFZ Web page	Link	
		Zip File	RZ/N2L Gateway Solution Design Data	Link	
2	How to start up the board	Document	RZ/N2L Gateway Board Hardware Manual	Link	
3	How to get various software				
		Sample Program	RZ/N2L Remote IO Solution EtherNet/IP OpENer Sample Program Package	Link	
		Document	RZ/N2L Remote IO Solution EtherCAT Sample Program Package	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/N2L 225pin IBIS	Link	
		IBIS	RZ/N2L 121pin IBIS	Link	
	Boundary Scan Description Language	BSDL	RZ/N2L 225pin FBGA (R9A07G084GBG) BSDL	Link	
		BSDL	RZ/N2L 121pin FBGA (R9A07G084GBA) BSDL	Link	
	Reliability Report	Document	R9A07G084MXXGBX 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/N2L FAQ page	Link	
	Notes	Info	RZ/N2L Tool News page	Link	
		Info	RZ/N2L Technical Update	Link	