

RZ/N2H Easy Download Guide

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Step	Product information	Contents Type	Contents name	Link	Video
1	Data Sheet	Document	RZ/T2H and RZ/N2H Groups Datasheet	Link	
	User's Manual	Document	RZ/T2H and RZ/N2H Groups User's Manual: Hardware	Link	
		Document	RZ Family Product Part Number Guide	Link	

Step	Launch of board and evaluation environment	Contents Type	Contents name	Link	Video
1	Board Information/ how to get	Info/Purchase	RZ/N2H Evaluation Board Kit WEB page	Link	
2	How to start up the board	Document	RZ/N2H Evaluation Board Kit Quick Start Guide	Link	
		Document	RZ/N2H Evaluation Board Kit User's Manual	Link	
		Document	RZ/T2, RZ/N2 Group Quick Start Guide: Firmware Update Application Note	Link	
		Document	RZ/T2, RZ/N2 How to Use Mbed TLS Application Note	Link	
		Document	RZ/T2, RZ/N2 Quick Start Guide: Firmware Update	Link	
		Document	Mitigation Software for DDR Memory Controller issue (FSP)	Link	
		Video	RZ/T RZ/N FSP Tutorial - Pin Configuration Funtion	Link	Link
Video	RZ/T RZ/N FSP Tutorial - FSP Configuration (1/2) Introduction of Tabs	Link	Link		
Video	RZ/T RZ/N FSP Tutorial - FSP Configuration (2/2) How to Use	Link	Link		

3	How to start up the board	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/N2 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.9.60.2 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/N2 FSP Packs	Link	
			EWARM_Patch_for_RZN2H	Zip File	EWARM Patch File for RZ/T2H and RZ/N2H	Link	
		3-3	Flexible Software Package(FSP)	GitHub	GitHub : renesas/rzt-fsp	Link	
				Video	RZ/T2H RZ/N2H Quick Start Guide: Linux and FSP	Link	Link

4	How to get various software	Sample Program	RZN2H-EVK Example Project Bundle	Link			
		GitHub	RZN2H-EVK Example Project Detail	Link			
		Sample Program	RZ/N2H Example program (Deprecated)	Link			
		Sample Program	RZ/T2H and RZ/N2H Group Security Solution Package	Link			
		Sample Program	RZ/T2, RZ/N2 Group Device Setup Guide for Flash Boot Sample Program	Link			
		Sample Program	RZ/T2, RZ/N2 Group Quick Start Guide: Firmware Update	Link			
		Sample Program	RZ/T2, RZ/N2 How to Use Mbed TLS	Link			
		4-1	Endoder I/F Sample Program	Sample Program	RZ/N2H Group ENCOUTSample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F A-format Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F Biss-C Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F EnDat Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F HIPERFACE DSL Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F HIPERFACE DSL Safty Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F SSI Sample Program	Link	
				Sample Program	RZ/N2H Group Endoder I/F FA-CODER Sample Program	Link	
				Sample Program	RZ/N2Hグループ Dual Encoder sample program	Link	
				Sample Program	RZ/N2H Group EtherCAT Sample Program	Link	
		4-2	Industrial Network Sample Program	Sample Program	RZ/N2H Group Modbus Sample Program	Link	
				Sample Program	RZ/N2H Group EtherNet/IP OpENer Sample Program	Link	
				Sample Program	RZ/N2H Group lwIP Protocol Stack Sample Program Package	Link	
				Sample Program	RZ/N2H Group OPC UA Server and PubSub Sample Program Package	Link	

Step	Linux environment	Contents Type	Contents name	Link	Video
1-1	Set up Linux environment				
	RZ/T2H and RZ/N2H Linux Software Package [V5.10-CIP]	WEB	Linux software packages for RZ/T2H and RZ/N2H Groups.	Link	
	RZ/T and RZ/N Multi-OS Package	WEB	The RZ/T Multi-OS Package Package and RZ/N Multi-OS Package are software packages for developing multi-OS solutions	Link	
	RZ MPU Security Package (Linux OS)	WEB	Security Package for RZ MPU, to be used with Linux Package for N2H	Link	
	RZ Linux kernel	GitHub	RZ Linux kernel	Link	
1-5	RZ/T2H and RZ/N2H Linux Start-up Guide	Document	RZ/T2H and RZ/N2H Linux Start-up Guide	Link	

Step	Custom board development	Contents Type	Contents name	Link	Video	
	Design Guide	Document	RZ/T2H, RZ/N2H Group Hardware Design Guide	Link		
		Document	[NDA Required] DDR Design Contents for RZ/N2H	Link		
		Document	RZ/T2H and RZ/N2H Groups PCB Design Guide for LPDDR4	Link		
		Document	RZ/T2H and RZ/N2H Groups PCB Verification Guide for LPDDR4	Link		
	IBIS (for LSI)	IBIS	IBIS	RZ/N2H 576pin IBIS	Link	
		IBIS	IBIS	RZ/N2H PCIe IBIS	Link	
		IBIS	IBIS	[NDA Required] RZ/N2H USB IBIS	Link	
	Boundary Scan Description Language	BSDL	RZ/N2H (R9A09G087GBG) BSDL	Link		
	Semiconductor Package Mount Manual	Document	Semiconductor Package Mount Manual	Link		
	Reliability Report	Document	R9A09G087MXXGBG Reliability Report	Link		