

Introduction						
Content		Name			LINK	
Document	Capacitive Touch Solution Brochure				<a href="#">Link</a>	
	CTSU Capacitive Touch Introduction Guide				<a href="#">Link</a>	
Blog	Do You Want to Develop a Touchless Button? Introducing a Solution Using a General-Purpose MCU				<a href="#">Link</a>	
	Infusion Level Monitor Using Capacitive Touch Sensing				<a href="#">Link</a>	
	Introducing Smart Wakeup Solution for Low Power Capacitive Touch Sensing Application				<a href="#">Link</a>	
	Introducing Waterproof Capacitance Solution for Self-Capacitive Touch Keys in Wet Area				<a href="#">Link</a>	
	Introduction of Noise Countermeasure Guide for Capacitive Touch Sensors of Renesas MCU				<a href="#">Link</a>	
ビデオ	Capacitive Touch Solutions				<a href="#">Link</a>	
	Getting Started with Renesas Capacitive Touch				<a href="#">Link</a>	
FAQ	Capacitive Touch Key FAQ (RL78 Family)				<a href="#">Link</a>	
	Capacitive Touch Key FAQ (RX Family)				<a href="#">Link</a>	
	Capacitive Touch Key FAQ (RA Family)				<a href="#">Link</a>	
Device Selection						
Operating Frequency	Number of touch terminals	Family	Content	Model Name	LINK	
16MHz	12	RL78	Web page	RL78/G16 (Support RSSK)	<a href="#">Link</a>	
	29		Web page	RL78/G22 (Support RSSK)	<a href="#">Link</a>	
	32		Web page	RL78/G23 (Support RSSK)	<a href="#">Link</a>	
32MHz	36	RX	Web page	RL78/L23 (Support RSSK)	<a href="#">Link</a>	
	12		Web page	RX113	<a href="#">Link</a>	
	36		Web page	RX130 (Support RSSK)	<a href="#">Link</a>	
40MHz	24	RA	Web page	RA0L1 (Support RSSK)	<a href="#">Link</a>	
	12	RL78	Web page	RL78/F22 (Support RSSK)	<a href="#">Link</a>	
	31	RL78	Web page	RL78/F25 (Support R5SK)	<a href="#">Link</a>	
48MHz	36	RX	Web page	RX140 (Support RSSK)	<a href="#">Link</a>	
	11	RA	Web page	RA4W1	<a href="#">Link</a>	
	26		Web page	RA2A1	<a href="#">Link</a>	
	27		Web page	RA4M1	<a href="#">Link</a>	
	30		Web page	RA2E1	<a href="#">Link</a>	
32	Web page	RA2L1 (Support RSSK)	<a href="#">Link</a>			
54MHz	12	RX	Web page	RX23W	<a href="#">Link</a>	
	24		Web page	RX230	<a href="#">Link</a>	
	24		Web page	RX231	<a href="#">Link</a>	
64MHz	34	RX	Web page	RX261 (Support RSSK)	<a href="#">Link</a>	
	36		Web page	RX260	<a href="#">Link</a>	
80MHz	12	RA	Web page	RA4L1 (Support RSSK)	<a href="#">Link</a>	
	12		Web page	RA4M2	<a href="#">Link</a>	
	7		Web page	RA6M1	<a href="#">Link</a>	
100MHz	20	RA	Web page	RA4M3	<a href="#">Link</a>	
	17		RX	Web page	RX671 (Support RSSK)	<a href="#">Link</a>
	18		RA	Web page	RA6M2 (Support RSSK)	<a href="#">Link</a>
18	Web page	RA6M3		<a href="#">Link</a>		
120MHz	20	RA	Web page	RA6M4	<a href="#">Link</a>	
	20		Web page	RA6M5	<a href="#">Link</a>	
	20		Web page	RA6M5	<a href="#">Link</a>	

Evaluation Kit					
Family Name	Product Name	Description	Content	Name	LINK
RL78	RL78/G16	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/G16	<a href="#">Link</a>
		Setup Design info	Document	RL78/G16 Capacitive Touch Evaluation System User's Manua	<a href="#">Link</a>
			Document	RTK0EG0047S01001BJ - Design Package	<a href="#">Link</a>
			Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>
			Document	RL78/G16 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
			Sample Software	RL78/G16 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	RL78/G22	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/G22	<a href="#">Link</a>
		Setup Design info	Document	RL78/G22 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RTK0EG0042S01001BJ - Design Package	<a href="#">Link</a>
			Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>
			Document	RL78 Family Capacitive Touch Sensing Unit (CTSU2L) Operation Explanation	<a href="#">Link</a>
			Document	RL78/G22 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	Sample Software	RL78/G22 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>		
	RL78/G23	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/G23	<a href="#">Link</a>
		Setup Design info	Document	RL78/G23 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RTK0EG0030S01001BJ - Design Package	<a href="#">Link</a>
			Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>
			Document	RL78 Family Capacitive Touch Sensing Unit (CTSU2L) Operation Explanation	<a href="#">Link</a>
			Document	RL78/G23 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	Sample Software	RL78/G23 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>		
	RL78/L23	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/L23	<a href="#">Link</a>
		Setup Design info	Document	RL78/L23 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RSSK-RL78L23 Design Package	<a href="#">Link</a>
			Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>
			Document	RL78/L23 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
			Sample Software	RL78/L23 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	Document	RL78/L23 Capacitive Touch with segment LCD display Sample Code	<a href="#">Link</a>		
	Sample Software	RL78/L23 Capacitive Touch with Segment LCD Display Sample Code	<a href="#">Link</a>		
	RL78/F22	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/F22	<a href="#">Link</a>
		Setup Design info	Document	RL78/F22 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RSSK-RL78F22 Design Package	<a href="#">Link</a>
			Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>
			Document	RL78/F22 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
Sample Software			RL78/F22 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>	
RL78/F25	Purchase info	Web page	Capacitive Touch Evaluation System for RL78/F25	<a href="#">Link</a>	
	Setup Design info	Document	RL78/F25 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>	
		Document	RSSK-RL78F25 Design Package	<a href="#">Link</a>	
		Document	RL78 Family Board Support Package Module Using Software Integration System	<a href="#">Link</a>	
		Document	RL78/F25 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>	
		Sample Software	RL78/F25 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>	
Document	RL78/F25 Low power consumption Smart Wakeup Solution	<a href="#">Link</a>			
Sample Software	RL78/F25 Low power consumption Smart Wakeup Solution	<a href="#">Link</a>			
RX	RX130	Purchase info	Web page	Capacitive Touch Evaluation System for RX130	<a href="#">Link</a>
		Setup Design info	Document	RX130 RX Capacitive Touch Evaluation System CPU Board User's Manual	<a href="#">Link</a>
			Document	RX Capacitive Touch Evaluation System Self-Capacitance Touch Buttons/Wheels/Slider Board User's Manual	<a href="#">Link</a>
			Document	RX Capacitive Touch Evaluation System Mutual-Capacitance Matrix Key/Proximity Sensor Board User's Manual	<a href="#">Link</a>
			Document	RTK0EG0035S02001BJ - Design Package	<a href="#">Link</a>
			Document	RX130 Capacitive Touch Evaluation System Sample Code for QE	<a href="#">Link</a>
	Sample Software	RX130 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>		
	RX140	Purchase info	Web page	Capacitive Touch Evaluation System for RX140	<a href="#">Link</a>
		Setup Design info	Document	RX140 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RTK0EG0039S01001BJ - Design Package	<a href="#">Link</a>
			Document	RX140 Self-capacitance Waterproof Touch Button Demo Software	<a href="#">Link</a>
			Document	RX140 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
			Sample Software	RX140 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	RX261	Purchase info	Web page	Capacitive Touch Evaluation System for RX261	<a href="#">Link</a>
		Setup Design info	Document	RX261 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RTK0EG0055S01001BJ - Design Package	<a href="#">Link</a>
			Document	RX261 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>
	Sample Software	RX261 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>		
	RX671	Purchase info	Web page	Capacitive Touch Evaluation System for RX671	<a href="#">Link</a>
		Setup Design info	Document	RX671 Capacitive Touch Evaluation System User's Manua	<a href="#">Link</a>
			Document	RTK0EG0044S01001BJ - Design Package	<a href="#">Link</a>
Document			RX671 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>	
Sample Software	RX671 Capacitive Touch Evaluation System Sample Code	<a href="#">Link</a>			

Evaluation Kit					
Family Name	Product Name	Description	Content	Name	LINK
RA	RA0L1	Purchase info	Web page	Capacitive Touch Evaluation System for RA0L1	<a href="#">Link</a>
		Setup Design info	Document	RA0L1 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RA0L1 Capacitive Touch Evaluation System Quick Start Guide	<a href="#">Link</a>
			Document	RSSK-RA0L1 - Design Package	<a href="#">Link</a>
			Document	RA0L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
			Sample Software	RA0L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
	RA2L1	Purchase info	Web page	Capacitive Touch Evaluation System for RA2L1	<a href="#">Link</a>
		Setup Design info	Document	RA2L1 Capacitive Touch Evaluation System User's Manua	<a href="#">Link</a>
			Document	RA2L1 Capacitive Touch Evaluation System Quick Start Guide	<a href="#">Link</a>
			Document	RTK0EG0022S01001BJ - Design Package	<a href="#">Link</a>
			Document	RA2L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
			Sample Software	RA2L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
			Video	RA2L1 48MHz, 32-bit MCUs with Arm® Cortex®-M23 Core	<a href="#">Link</a>
			Video	Introducing the Renesas RA Family of 32-Bit Microcontrollers	<a href="#">Link</a>
	Video	Evaluation Kits for Renesas Advanced (RA) Microcontrollers	<a href="#">Link</a>		
	RA4L1	Purchase info	Web page	Capacitive Touch Evaluation System for RA4L1	<a href="#">Link</a>
		Setup Design info	Document	RA4L1 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RA4L1 Capacitive Touch Evaluation System Quick Start Guide	<a href="#">Link</a>
			Document	RTK0EG0057S01001BJ - Design Package	<a href="#">Link</a>
			Document	RA4L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
			Sample Software	RA4L1 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>
			Video	RA4L1 MCU with Integrated LCD and Cap Touch Overview	<a href="#">Link</a>
			Video	Introducing the Renesas RA Family of 32-Bit Microcontrollers	<a href="#">Link</a>
			Video	Evaluation Kits for Renesas Advanced (RA) Microcontrollers	<a href="#">Link</a>
	RA6M2	Purchase info	Web page	Capacitive Touch Evaluation System for RA6M2	<a href="#">Link</a>
		Setup Design info	Document	RA6M2 Capacitive Touch Evaluation System User's Manual	<a href="#">Link</a>
			Document	RA6M2 Capacitive Touch Evaluation System Quick Start Guide	<a href="#">Link</a>
Document			RTK0EG0021S01001BJ - Design Package	<a href="#">Link</a>	
Document			RA6M2 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>	
Sample Software	RA6M2 Group Capacitive Touch Evaluation System Example Project	<a href="#">Link</a>			

Development Support							
Description		Content	Name		LINK		
Noise suppression		Document	Capacitive Touch Noise Immunity Guide		<a href="#">Link</a>		
Ripple Countermeasures		Document	Capacitive Touch Ripple Noise Prevention Guide		<a href="#">Link</a>		
Electrode Design		Document	CTSU Capacitive Touch Electrode Design Guide		<a href="#">Link</a>		
Low Power Consumption Guide		Document	RL78/G22 Capacitive Touch Low Power Guide (SMS / MEC function)		<a href="#">Link</a>		
		Document	RL78/G22 Capacitive Touch Low Power Guide (SNOOZE function)		<a href="#">Link</a>		
		Document	RL78/G23 Capacitive Touch Low Power Guide (SMS function)		<a href="#">Link</a>		
		Document	RL78/G23 Capacitive Touch Low Power Guide (SNOOZE function)		<a href="#">Link</a>		
		Document	Capacitive Touch Low Power Application Development using SMS		<a href="#">Link</a>		
Document	RA6M2 Capacitive Touch Low Power Guide				<a href="#">Link</a>		
Tools & Software							
Family	Environment/Tool Type	Description	Content	Name		LINK	
RL78,RX,RA Family	Software	Setup	Document	CTSU Self Test Software		<a href="#">Link</a>	
			Document	RL78 Family CTSU Module Software Integration System		<a href="#">Link</a>	
			Document	RL78 Family TOUCH Module Software Integration System		<a href="#">Link</a>	
			Document	Capacitive Touch Software Filter Sample Program		<a href="#">Link</a>	
	Integrated Development Environment	Free Download	Web page	e2 studio		<a href="#">Link</a>	
			Video	e2 studio Quick Start Guide - Install e2 studio and CC-RL Compiler on Linux		<a href="#">Link</a>	
		Setup	Video	Renesas Emulator Selection Guide for RX		<a href="#">Link</a>	
			Video	e2 studio Quick Start Guide - Install e2 studio and CC-RX Compiler on Linux		<a href="#">Link</a>	
			Video	e2 studio Quick Start Guide - Installation for RA Family on macOS		<a href="#">Link</a>	
			Video	e2 studio on Linux - Install e2 studio and GNU Arm Embedded for RA		<a href="#">Link</a>	
		How to use	Video	Reality AI / e2 studio Integration Overview Video		<a href="#">Link</a>	
			Video	Introducing the Installer with Simplified Operation from e2 studio 2023-07		<a href="#">Link</a>	
			Video	e2 studio Tips - How to change the device in the project		<a href="#">Link</a>	
			Video	e2 studio Tips - How to import CS+ for CA, CX Project		<a href="#">Link</a>	
			Video	e2 studio Tips - How to Import CS+ for CC Project		<a href="#">Link</a>	
			Video	e2 studio Tips - How to Save the Build Log and Set the Number of Lines to Display		<a href="#">Link</a>	
		Development Support Tool	Free Download	Web page	QE for Capacitive Touch		<a href="#">Link</a>
				Document	QE for Capacitive Touch Advanced Mode Parameter Guide		<a href="#">Link</a>
			Setup	Document	RL78 Family Using QE and SIS to Develop Capacitive Touch Applications		<a href="#">Link</a>
				Document	RL78 Family Using the standalone version of QE to Develop Capacitive Touch Applications		<a href="#">Link</a>
	Document			RL78 Family Using QE (standalone ver.) to Develop Touch Applications for FPB board		<a href="#">Link</a>	
	Document			RX Family QE CTSU module Firmware Integration Technology		<a href="#">Link</a>	
	Document			RX Family QE Touch module Firmware Integration Technology		<a href="#">Link</a>	
	Document			RA Family Using QE and FSP to Develop Capacitive Touch Applications		<a href="#">Link</a>	
	Document			RA Family QE for Capacitive Touch usage for IAR EWARM		<a href="#">Link</a>	
	Document			RA Family QE for Capacitive Touch usage for Keil® MDK		<a href="#">Link</a>	
	Video			Getting Started with QE for Capacitive Touch for RL78		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial: Settings for RL78		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial: Tuning for RL78		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial: Serial Monitoring for RL78		<a href="#">Link</a>	
	Video			Getting Started with QE for Capacitive Touch		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial - Settings		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial - Tuning		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial - Monitoring		<a href="#">Link</a>	
	Video			Getting Started with QE for Capacitive Touch for RA		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial: Step 1 Configuration for RA		<a href="#">Link</a>	
	Video			QE for Capacitive Touch Tutorial: Step 2 Tuning for RA		<a href="#">Link</a>	
	Video		QE for Capacitive Touch Tutorial: Step 3 Monitoring for RA		<a href="#">Link</a>		
	How to use		Video	QE for Capacitive Touch Feature - Two Types of Touch Judgment Modes with CTSU2 and QE		<a href="#">Link</a>	
			Video	QE for Capacitive Touch Tutorial: How to monitor gesture AI		<a href="#">Link</a>	
			Video	How to tune via serial communication using the standalone app of QE.		<a href="#">Link</a>	
			Video	QE for Capacitive Touch Feature - Check Monitoring Values Using The Monitoring Log Feature		<a href="#">Link</a>	
			Video	3D Gesture AI Solution - QE for Capacitive Touch Makes It Easy To Develop a Contactless User Interface		<a href="#">Link</a>	
		Video	QE for Capacitive Touch Tutorial: How to create the gesture data		<a href="#">Link</a>		
		Video	How to migrate the touch modules from version 1.1 to version 2.0 using the compatible APIs with QE tool.		<a href="#">Link</a>		
		Video	QE for Capacitive Touch Feature - Measuring Standard Deviation		<a href="#">Link</a>		
	Video	QE for Capacitive Touch Tips - Warning Message Appeared During Tuning		<a href="#">Link</a>			
Video	QE for Capacitive Touch[RA] Tutorial: Use QE for Capacitive Touch with FSP in IAR Embedded Workbench for Arm		<a href="#">Link</a>				
Video	QE for Capacitive Touch[RA] Tutorial: Use QE for Capacitive Touch with FSP in Keil® MDK		<a href="#">Link</a>				
Video	QE for Capacitive Touch Feature - A New Workflow Diagram in QE V3.2.0		<a href="#">Link</a>				
Video	QE for Capacitive Touch Tutorial: How to Tune via Serial Communication Using the Plug-in		<a href="#">Link</a>				

Tools & Software					
Family	Environment/Tool Type	Description	Content	Name	LINK
RL78	Code Generation Support Tool	Free Download	Web page	RL78 Smart Configurator	<a href="#">Link</a>
		Setup	Document	Smart Configurator User's Manual: RL78 API Reference	<a href="#">Link</a>
			Document	RL78 Smart Configurator User's Guide: CS+	<a href="#">Link</a>
			Document	RL78 Smart Configurator User's Guide: e2 studio	<a href="#">Link</a>
			Document	RL78 Smart Configurator User's Guide: IAREW	<a href="#">Link</a>
			Document	Smart Configurator, Code Generator Project Porting Procedures for CS+ and e2 studio	<a href="#">Link</a>
			Video	Introduction of Smart Configurator for RL78 Family	<a href="#">Link</a>
			Video	e2 studio Quick Start Guide (2/3) - Project Generation for RL78	<a href="#">Link</a>
			Video	e2 studio Quick Start Guide (3/3) - Build and Debug for RL78	<a href="#">Link</a>
			Video	How to Create a Smart Configurator Project in e2 studio	<a href="#">Link</a>
			Video	How to Create a UART Communication Project Using Smart Configurator in e2 studio	<a href="#">Link</a>
		How to use	Video	How To Use Smart Configurator - Walkthrough the Settings of Clocks and Components	<a href="#">Link</a>
			Video	Using Smart Configurator with IAR Embedded Workbench for RL78 (2/2) - Creating an EWB Project for Smart Configurator	<a href="#">Link</a>
			Video	Easy Coding in e2 studio With the Smart Configurator Developer Assistance Feature	<a href="#">Link</a>
			Video	How to Use the User Code Protection Feature in Smart Configurator	<a href="#">Link</a>
			Video	Smart Configurator Feature - How to generate HEX values for Code Generator drivers	<a href="#">Link</a>
			Video	Smart Configurator Feature - Easy Transfer of Component Settings from One Project to Another	<a href="#">Link</a>
RX	Code Generation Support Tool	Free Download	Web page	RX Smart Configurator	<a href="#">Link</a>
		Setup	Document	RX Smart Configurator User's Guide: CS+	<a href="#">Link</a>
			Document	RX Smart Configurator User's Guide: e2 studio	<a href="#">Link</a>
			Document	RX Smart Configurator User's Guide: IAREW	<a href="#">Link</a>
	HAL Driver	Free Download	Web page	FIT	<a href="#">Link</a>
		Setup	Document	FIT User's Manual	<a href="#">Link</a>
			Document	FIT Board Support Package Module Using Firmware Integration Technology	<a href="#">Link</a>
			Document	FIT RX Family Guide for Porting the FIT Project to the Other RX Family	<a href="#">Link</a>
			Document	FIT RX Family Manually Importing Firmware Integration Technology Modules	<a href="#">Link</a>
RA	Code Generation Support Tool	Free Download	Web page	RA Smart Configurator	<a href="#">Link</a>
		Setup	Video	Generating an RA Secure Project for IAR Embedded Workbench	<a href="#">Link</a>
			Video	Generating an RA Non-secure Project for IAR Embedded Workbench	<a href="#">Link</a>
			Video	Generating a Simple RA FSP Project with Keil MDK	<a href="#">Link</a>
			Video	Tips - How to Import Example Project in IAR EWARM for RA	<a href="#">Link</a>
			Video	Tips - How to import example project in Arm Keil MDK for RA	<a href="#">Link</a>
	HAL Driver	Free Download	Web page	RA Flexible Software Package (FSP)	<a href="#">Link</a>
		Setup	Document	FSP User's Manual	<a href="#">Link</a>
			Document	FSP User's Manual (Web Version - HTML)	<a href="#">Link</a>
			Video	RA Family Partner Ecosystem Overview	<a href="#">Link</a>
			Video	Introducing the Renesas RA Family of 32-Bit Microcontrollers	<a href="#">Link</a>
			Video	Evaluation Kits for Renesas Advanced (RA) Microcontrollers	<a href="#">Link</a>
			Video	Generating Your First RA FSP Project	<a href="#">Link</a>
			Video	Generating a Simple RA FSP Project with Keil MDK	<a href="#">Link</a>
			Video	e2 studio Tips - How to Import Example Project in e2 studio for RA	<a href="#">Link</a>
			Video	Tips - How to Import Example Project in IAR EWARM for RA	<a href="#">Link</a>
			Video	Tips - How to import example project in Arm Keil MDK for RA	<a href="#">Link</a>

Reference Design			
Description	Content	Name	LINK
Capacitive Touch Evaluation System and Touchless Demo for Low Power Waiting Smart wake-up solution for	Web page	Smart-Wake-Up-Solution	<a href="#">Link</a>
	Document	RL78/G22 Sample S/W for home appliance panel UI demo using MEC function	<a href="#">Link</a>
	Document	RX140 Group Smart Wakeup Solution (Touchless Demo)	<a href="#">Link</a>
	Document	RX140 Group Smart Wakeup Solution	<a href="#">Link</a>
	Sample Software	RL78/G22 Sample S/W for home appliance panel UI demo using MEC function	<a href="#">Link</a>
	Sample Software	RL78G22 Smart Wakeup Solution	<a href="#">Link</a>
	Sample Software	RX140 Group Smart Wakeup Solution	<a href="#">Link</a>
	Sample Software	RX261/RX260 Group Smart Wakeup Solution	<a href="#">Link</a>
	Video	RX140 Smart Wake Up Solution	<a href="#">Link</a>
	Video	RL78/G22 Appliance UI Demo -Contributing to The Innovative UI of Kitchen Appliances	<a href="#">Link</a>
Comparison of water resistance of conventional GND shields and active shields against self-capacitance buttons	Web page	Self-Capacitance Waterproof Button Solution	<a href="#">Link</a>
	Document	RA2L1 Group Self-Capacitance Waterproof Demo Hardware Manual	<a href="#">Link</a>
	Sample Software	RL78/G23 Self-capacitance Waterproof Touch Button Demo Sample Software	<a href="#">Link</a>
	Sample Software	RX140 Self-capacitance Waterproof Touch Button Demo Software	<a href="#">Link</a>
	Sample Software	RA2L1 Group Self-capacitance Waterproof Touch Button Demo Sample Software	<a href="#">Link</a>
	Video	Self-capacitance Waterproof Touch Button Solution	<a href="#">Link</a>
Detects finger and hand approaches without physical contact	Web page	Touchless Button Reference Design	<a href="#">Link</a>
	Document	Touchless Button Electrode Board	<a href="#">Link</a>
	Document	RL78/G22 Sample S/W for home appliance panel UI demo using MEC function	<a href="#">Link</a>
	Sample Software	RL78/G22 Sample S/W for home appliance panel UI demo using MEC function	<a href="#">Link</a>
	Sample Software	RL78/G23 Group Touchless Button Electrode Board Sample Software	<a href="#">Link</a>
	Sample Software	RX130 Group Touchless Button Demo Solution Sample Software	<a href="#">Link</a>
	Sample Software	RX130 Group Touchless Button Electrode Board Sample Software	<a href="#">Link</a>
	Sample Software	RX140 Group Touchless Button Demo Solution Sample Software	<a href="#">Link</a>
	Sample Software	RA2L1 Group Touchless Button Demo Solution Sample Software	<a href="#">Link</a>
	Sample Software	RA2L1 Group Touchless Button Electrode Board Sample Software	<a href="#">Link</a>
	Sample Software	RA6M2 Group Touchless Button Demo Solution Sample Software	<a href="#">Link</a>
	Sample Software	RA6M2 Group Touchless Button Electrode Board Sample Software	<a href="#">Link</a>
	Video	Touchless Button Electrode Board	<a href="#">Link</a>
	Video	Touchless Button Demo	<a href="#">Link</a>
	Video	RL78/G22 Appliance UI Demo -Contributing to The Innovative UI of Kitchen Appliances	<a href="#">Link</a>
	Reference design for detecting hand position in space	Web page	3D Gesture Touch-Free User Interface Reference Design
Document		RA2L1 Group CTSU Application Example: 3D Gesture Electrode Board (Hardware)	<a href="#">Link</a>
Document		RX231 Group CTSU Application Example: 3D Gesture Demo Set (Hardware)	<a href="#">Link</a>
Document		RX130 Group CTSU Application Example: 3D Gesture Demo Set Small version (Hardware)	<a href="#">Link</a>
Document		QE for Capacitive Touch 3D Gesture Recognition Application Development Guide	<a href="#">Link</a>
Document		RX Family CTSU 3D Gesture Demo Set Evaluation Tool '3D Monitor'	<a href="#">Link</a>
Sample Software		CTSU 3D Gesture Demo Set Sample Software (Standard version)	<a href="#">Link</a>
Sample Software		CTSU 3D Gesture Demo Set Sample Software (Small version)	<a href="#">Link</a>
Sample Software		CTSU 3D Gesture Demo Set Sample Software (Slim version)	<a href="#">Link</a>
Sample Software		RX140 Group CTSU 3D Gesture Electrode Board Sample Software	<a href="#">Link</a>
Sample Software		CTSU 2D Gesture Reference Design Demo Set Sample Software	<a href="#">Link</a>
Sample Software		RA2L1 Group 3D Gesture Electrode Board Sample Software	<a href="#">Link</a>
Demonstration kit for water level measurement with one channel of self-capacitance electrode and one channel of shielded electrode	Web page	Capacitive Sensor Application Demonstration Kit	<a href="#">Link</a>
	Document	RX130 Group Capacitive Water Level Measurement Demo Set	<a href="#">Link</a>
	Document	RX Family Capacitive Liquid Level Indicator Demo System Sample Software	<a href="#">Link</a>
	Document	Liquid Level Design Package	<a href="#">Link</a>
	Document	RX Family Capacitive Liquid Level Indicator Demo System Sample Software	<a href="#">Link</a>
	Sample Software	Water level measurement demo	<a href="#">Link</a>
Corresponding metal material overlay panel.	Web page	Metal Touch Solution Reference Design	<a href="#">Link</a>
	Document	RX140 Group Metal Touch Sensor Example User's Guide	<a href="#">Link</a>
	Document	Metal Touch Solution Declaration of Conformity for UKCA	<a href="#">Link</a>
	Document	Metal Touch Solution Electromagnetic Environment	<a href="#">Link</a>
	Document	Metal Touch Solution Declaration of Conformity for CE	<a href="#">Link</a>
	Document	Metal Touch Solution Design Files	<a href="#">Link</a>
	Sample Software	RX140 Group Metal Touch Solution Sample Software	<a href="#">Link</a>
	Video	Metal Touch Solution Introduction	<a href="#">Link</a>
Partner			
Description	Company Name		LINK
Development and sales of glass capacitive switch modules	NORITAKE ITRON CORPORATION		<a href="#">Link</a>
Evaluation board development and programmer supply partner	Hokuto Electronics Co.		<a href="#">Link</a>
Touch Module Partners	Yokoyama Shokai Corporation		<a href="#">Link</a>
Development and sales of transparent electrodes for capacitance switches	Toyo Label Co.		<a href="#">Link</a>
Developed intelligent touch keys that match function and price	TAKAYA Corporation		<a href="#">Link</a>
Easy to use, accurate, and fast capacitance extractor/simulator for PCBs and touch screens	CapExt		<a href="#">Link</a>
HMI hardware solution provides an excellent demonstration for embedded GUI applications	WT Microelectronics		<a href="#">Link</a>