Renesas Starter Kit+ for SH7269

Products
Software and Tools
Starter Kits and Platforms
Renesas Starter Kits
Renesas Starter Kit+ for SH7269
Renesas Starter Kit+ for RZ/T1
Renesas Starter Kit+ for RX71M
Renesas Starter Kit for RX610
Renesas Starter Kit for RX62G
Renesas Starter Kit+ for RZ/A1H
Renesas Starter Kit+ for RX62N
Renesas Starter Kit for RX62T
Renesas Starter Kit+ for RX63N
Renesas Starter Kit for RX630
Renesas Starter Kit for RX63T (64-pin)
Renesas Starter Kit for RX63T (144-pin)
Renesas Starter Kit+ for RX63N-256K
Renesas Starter Kit+ for RX64M
Renesas Starter Kit for RX210
Renesas Starter Kit for RX210 (B Mask)
Renesas Starter Kit for RX220
Renesas Starter Kit for RX113
Renesas Starter Kit for RX111
Renesas Starter Kit for RL78/G13
Renesas Starter Kit for RL78/G14
Renesas Starter Kit for RL78/G1G
Renesas Starter Kit for RL78/G1C
Renesas Starter Kit for RL78/L12
Renesas Starter Kit for RL78/L13
Renesas Starter Kit for RL78/L1C
Renesas Starter Kit for SH7124
Renesas Starter Kit+ for SH7264
Renesas Starter Kit for SH7201
Renesas Starter Kit+ for SH7203
Renesas Starter Kit for SH7137
Renesas Starter Kit+ for SH7216
Renesas Starter Kit for SH7211
Renesas Starter Kit for R8C/23
Renesas Starter Kit for R8C/25
Renesas Starter Kit for R8C/27
Renesas Starter Kit for R8C/2D
Renesas Starter Kit for R8C/35C
Renesas Starter Kit for R8C/38C
Renesas Promotional Board for R8C/M12A
Renesas Starter Kit for R8C/L3AC
Renesas Starter Kit for R8C/LA8A
Renesas Starter Kit for M16C/29
Renesas Starter Kit for M16C/62P

Overview | Documentation | Downloads | Design Support



Block Diagram | Layout and Specification | Configuration | PC System Requirements | Technical Support | Ordering Information

Renesas Starter Kit+ for SH7269

Target Devices

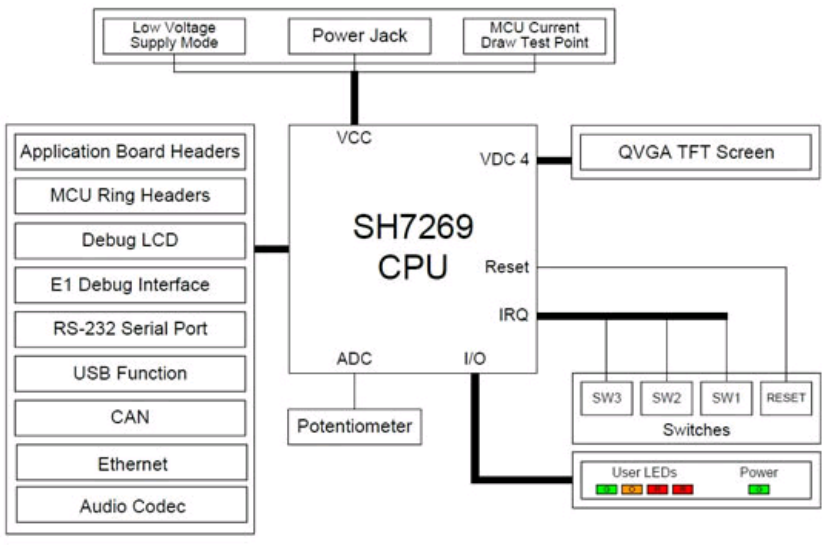
SH7269

Device Part No. populated on the board: R5S72691W266FP (SH7269)

Product Overview

The Renesas Starter Kit+ for SH7269 has been developed speed up code development and reduce time to market. An Renesas Starter Kit+, as the name suggests, is a complete development kit for Renesas microcontrollers.

Block Diagram



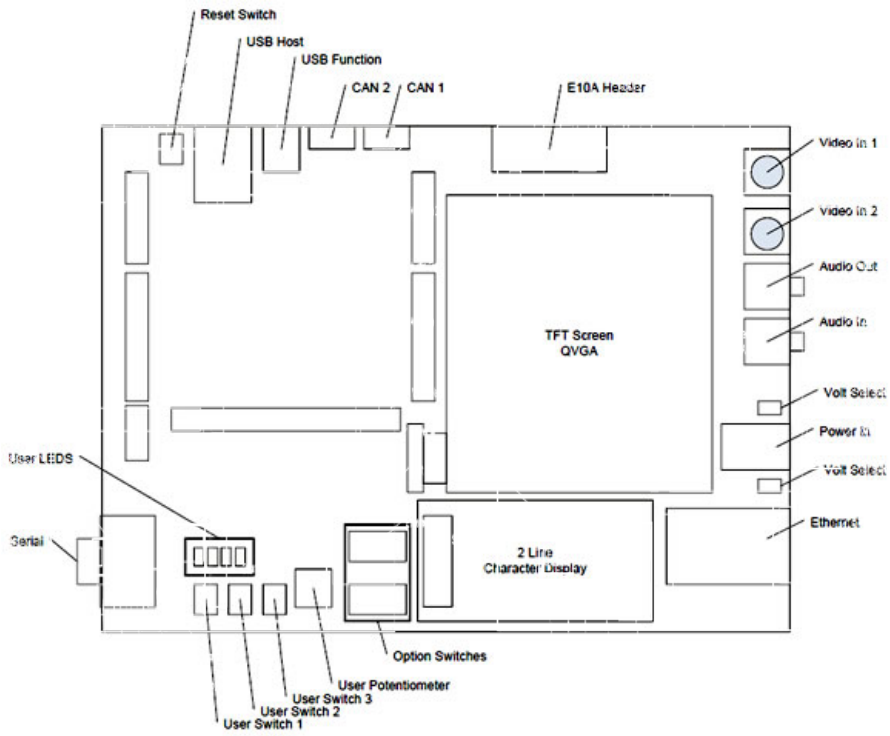
Top

Layout and Specification

All peripheral connections of the device are available:- CAN, Ethernet, USB host, USB device.
Includes TFT display and is ideal for fast prototyping.
The LCD display module is supplied as a detachable sub-board. The board dimensions are 180 mm by 150 mm, detailed dimensions are available in the user manual.

RenesasRulz.com Think it. Build it. Post it.
Community site and gathering place for technical information

- Renesas Starter Kit for M16C/65
- Renesas Starter Kit for M16C/6C
- Renesas Starter Kit for M32C/87
- Renesas Starter Kit for R32C/111
- Renesas Starter Kit for R32C/118
- Renesas Starter Kit for H8SX/1622F
- Renesas Starter Kit for H8SX/1668
- Renesas Starter Kit for H8S/2215R
- Renesas Starter Kit for H8S/2456R
- Renesas Starter Kit for H8/38099
- Renesas Starter Kit for H8/38347
- RX62N TFT-LCD Direct-Drive Demo Kit
- Renesas Starter Kit LCD Application Board
- Renesas Starter Kit Ethernet & USB Application Board
- Capacitive Touch Evaluation Kit
- Capacitive Touch Kit RX113
- DM-78K0R-KE3L (78K0R Low-Power Kit)
- EV-K0-HCD
- RX600 TFT-LCD Direct-Drive Demo Kit
- Renesas Starter Kit+ for SH7267
- TFT-LCD Direct Drive Demo Kit YLCDRSK2456S
- TFT-LCD Direct-Drive Demo Kit YLCDRSK1668
- TFT-LCD Direct-Drive Demo Kit YLCDRSK2378



Item	Specification
Microcontroller	R5S72691W266FP
On-board Memory	SDRAM
	NOR Flash
	NAND Flash
	QSPI Flash
Input Clock	Main: 13.225 MHz
	RTC: 32.768 kHz
	USB: 48 MHz
	AUDIO: 24.576 MHz
	VIDEO: 27 MHz
Potentiometer	Single-turn, 10 kΩ
LED	Power indicator: green x 2
	User: green x 1, orange x 1, red x 2
	Ethernet: SPEED x 1, LINK x 1, DUPLEX x 1
Switch	Reset x 1
	User x 3
DIP Switch	4-pole x 2
DC Power Jack	7-15 V Input or 5 V Input
E10A-USB Header	Without AUD Function: 14-pin box header
	With AUD Function: 38-pin Mictor Connector
CAN Connector	2.54 mm pitch, 3-pin x 2 (CAN BUS line x 2, GND x 1)
USB Connector	Host: USB-A
	Function: USB-MiniB
RS232 Serial Connector	9-pin DSUB
LCD Display Connector	14-pin socket
LCD Panel connector	Onboard TFT
	External TFT Board
	Generic LCD
Ethernet Connector	RJ45
Compsite Input	VIDEO1, VIDEO2
DVI Over HDMI Interface	HDMI Connector
Audio Jack	Audio Input
	Audio Output
Misc. Audio Connecors	Sound Generator
	Serial Sound
	S/PDIF
SD/MMC Card	Common SD/MMC Connector
Misc. Header	2.54 mm pich, 14-pin
Application Board Interface	2.54 mm pitch, 26-pin x 2 (JA1, JA2), 24-pin x 2 (JA5, JA6)
BUS Interface Option	2.54 mm pitch, 50-pin (JA3)

* The potentiometer is fitted to offer an easy way of supplying a variable analog input to the controller. It does not necessarily reflect the accuracy of the controllers ADC. Please see the device manual for details.
Manufacturer Name: PIHER INTERNATIONAL CORPORATION
Part Number: N6R (6 mm RoHS reflowable potentiometer)

Top

Configuration

- CPU Board
- Detachable LCD Display Module
- Detachable AD Adjustment Shaft
- E10A-USB for Starter Kit
- NEC LCD Technologies 3.5 SVGA TFT Display
- Connection Cable (USB Cable, User Interface Cable)
- Multi region 5 V power supply
- Quick Start Guide
- CD-ROM
  - Documents: User Manual, Tutorial and more

Feedback

- IDE: High-performance Embedded Workshop
- C/C++ Compiler: C/C++ Compiler Package for SuperH Family Evaluation Version
- Debugger: E10A-USB Emulator Debugger

Notes

- E10A-USB for Starter Kit is a special emulator for only Renesas Starter Kit+ products. The C/C++ Compiler *Package for SuperH Family Evaluation Version does not come with technical support services. In addition, the C/C++ Compiler Package for SuperH Family Evaluation Version has some restrictions compared to the Product Version.

  Trial period: 60 days
  The link size will be limited to 256 KB after 60 days

Top

PC System Requirements

- IBM PC/AT or compatible PC (USB interface necessary) *1
- Intel Pentium III 600 MHz or higher *3
- Memory 128 MB or higher
- Microsoft Windows 7/Windows XP/Windows Vista *2

*1: IBM and PC/AT are registered trademarks of International Business Machines Corporation of the U.S.

*2: MS, MS-DOS and Windows are registered trademarks of Microsoft Corporation of the U.S.
No support for Windows Vista® 64-bit editions

*3: Pentium is a trademark of Intel Corporation of the U.S.

Top

Technical Support

If you encounter problems concerning the bundled debugger (E10A-USB), please contact http://www.renesas.com/contact/.

When contacting us, please have the following information ready:
your name, company name, department name, fax number, MCU part number (ex. MCU: R5S72691W266FP), tool part number, version of debugger and a brief description of the problem.

C/C++ Compiler Package for SuperH Family Evaluation Version does not come with technical support services.

Ordering Information

This product can be purchased through the normal sales channels.

Product Name	Debugger Supplied	Part Number (Ordering Number)	Availability
Renesas Starter Kit+ for SH7269	E10A	R0K507269S000BE	Available

Back To Top

© 2010-2015 Renesas Electronics Corporation. All rights reserved.