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Renesas Starter Kit for R8C/L3AC

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Tool Stock and Availability

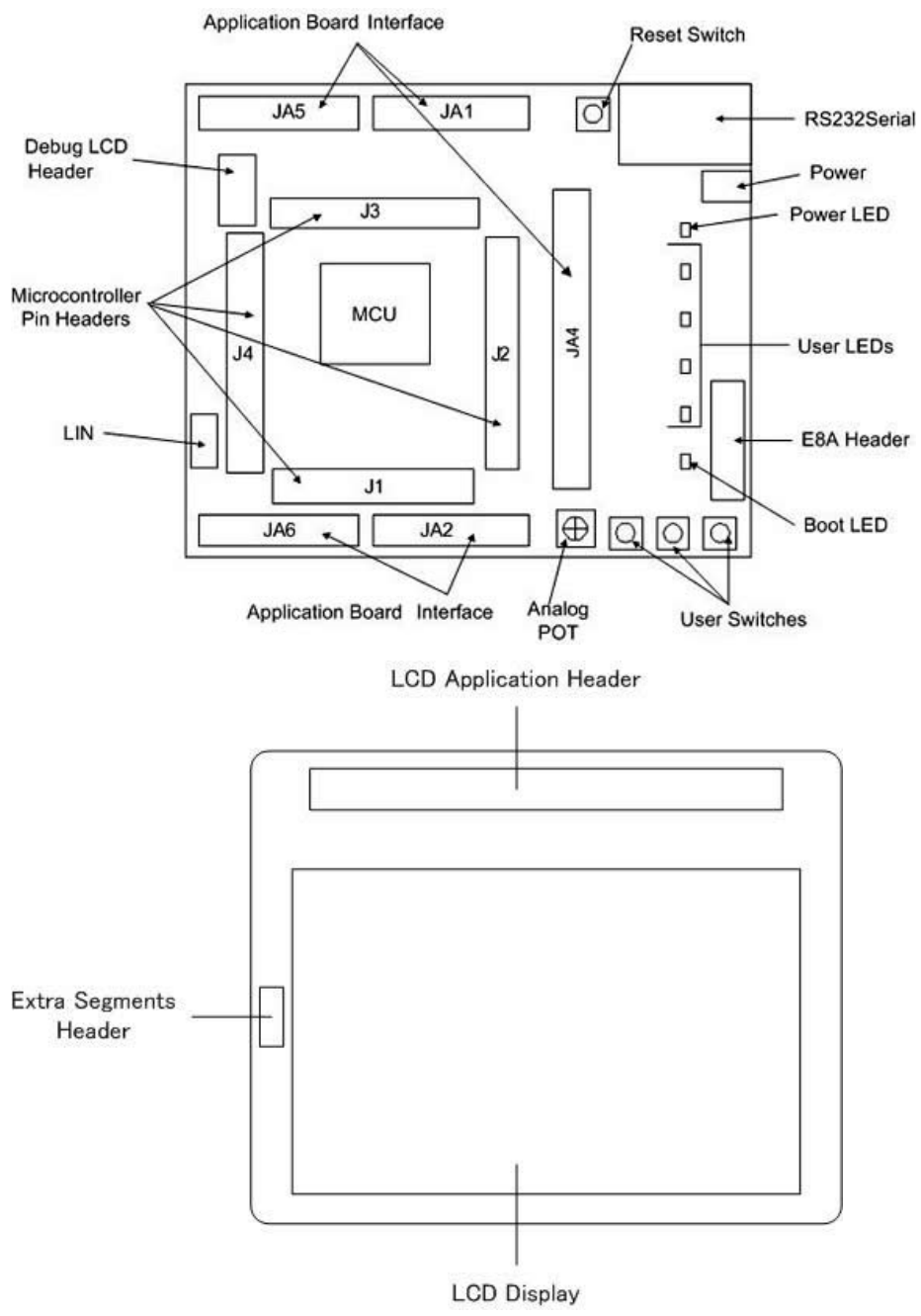
Please contact your distributor for the orderable part number for this device.

Renesas Starter Kit for R8C/L3AC

Target Devices

- [R8C/L3AA, R8C/L3AB Group](#)
- [R8C/L38A, R8C/L38B Group](#)
- [R8C/L36A, R8C/L36B Group](#)
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- [R8C/L36C Group](#)
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Device Part No. populated on the board: R5F2L3ACCNFP (R8C/L3AC Group)



Board Specification

Item	Specification
Microcontroller	R5F2L3ACCNFP
Input Clock	Main: 20 MHz Sub: 32.768 kHz
Potentiometer	Single-turn, 10 kΩ
LED	Power indicator: green x 1 Boot indicator: orange x 1 User: green x 1, orange x 1, red x 2
Switch	Reset x 1 User/Boot x 1 User x 2
DC Power Jack	5 V Input
E8a Header	14-pin box header
RS232 Serial Connector	9-pin DSUB
LCD Display Connector	14-pin socket
LIN Connector	2.54 mm pitch, 3-pin (VBAT x 1, LIN Bus Line x 1, Ground x 1)
Microcontroller Pin Header	2.54 mm pitch, 26-pin x 4

Application Board Interface | 2.54 mm pitch, 26-pin (JA1, JA2), 24-pin (JA5, JA6), 50-pin (JA4)

* LIN Connector, Microcontroller Pin Header and Application Board Interface are not contained in the product. (except JA4)

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Kit Contents

- CPU Board
- Detachable LCD Application Board V2
- Detachable LCD Display Module
- Detachable AD Adjustment Shaft
- E8a Emulator
- Connection Cable (USB Cable, User Interface Cable)
- Quick Start Guide
- CD-ROM
 - Documents: User Manual, Tutorial, and more
 - IDE: High-performance Embedded Workshop
 - C Compiler: M3T-NC30WA Evaluation Version
 - Debugger: E8a Emulator Debugger
 - Flash Memory Programmer: Flash Development Toolkit Evaluation Version

Notes

- The M3T-NC30WA Evaluation Version does not come with technical support services. In addition, The M3T-NC30WA Evaluation Version has some restrictions compared to the M3T-NC30WA Professional Version.

Trial period: 60 days

The link size will be limited to 64 KB after 60 days.

- The Flash Development Toolkit Evaluation Version does not come with technical support services.

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PC System Requirements

- IBM PC/AT or compatible PC (USB interface necessary) *1
- Intel Pentium 600 MHz or higher *3
- Memory 128 MB or higher
- Microsoft Windows 2000/ 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.

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

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Technical Support

If you encounter problems concerning the bundled debugger (E8a), please contact <http://www.renesas.com/inquiry>.

When contacting us, please have the following information ready:

your name, company name, department name, fax number, MCU part number (ex. MCU: R5F2L3ACCNFP), tool part number, version of debugger and a brief description of the problem.

C Compiler M3T-NC30WA Evaluation Version and Flash Development Toolkit Evaluation Version do not come with technical support services.

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Ordering Information

This product can be purchased through [the normal sales channels](#).

