

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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(Note 2) “Renesas Electronics product(s)” means any product developed or manufactured by or for Renesas Electronics.

IC61-0644-052

64-pin LCC Socket (Manually Soldering Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-0644-052 is an IC socket that can be soldered to a foot pattern for a 64-pin 0.8mm-pitch QFP (64P6N-A) package MCU (manually soldering type).

Application

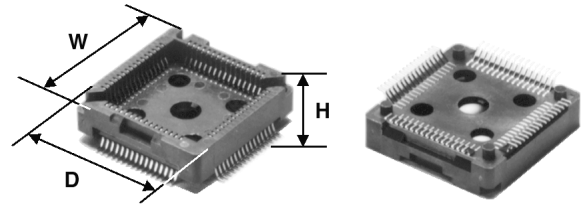
Using this IC socket, developers can connect a 64-pin 0.8 mm-pitch LCC (64D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for a 64P6N-A package MCU. The foot pattern's land length needed to fit the IC socket is longer than that of the 64P6N-A.

Dimensions

20.8(D)×20.0(W)×6.2(H)mm

Foot Pattern Reference Dimensions

See Appendix A "Reference Dimensional Drawing for Common 64-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-0644-053

64-pin LCC Socket (Mounting Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-0644-053 is an IC socket that can be soldered to a foot pattern for a 64-pin 0.8mm-pitch QFP (64P6N-A) package MCU (mounting type).

Application

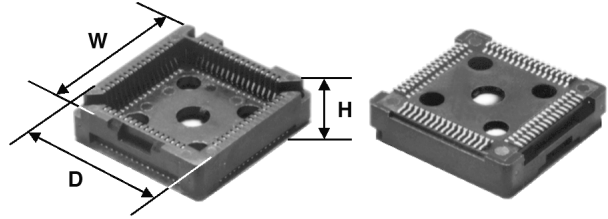
Using this IC socket, developers can connect a 64-pin 0.8 mm-pitch LCC (64D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for a 64P6N-A package MCU. The foot pattern's land length needed to fit the IC socket is equal to that of 64P6N-A.

Dimensions

20.8(D)×20.0(W)×5.3(H)mm

Foot Pattern Reference Dimensions

See Appendix A "Reference Dimensional Drawing for Common 64-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-0644-088

64-pin LCC Socket (Manually Soldering Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-0644-088 is an IC socket that can be soldered to a foot pattern for an 64-pin 0.8mm-pitch QFP (64P6N-A) package MCU (manually soldering type).

Application

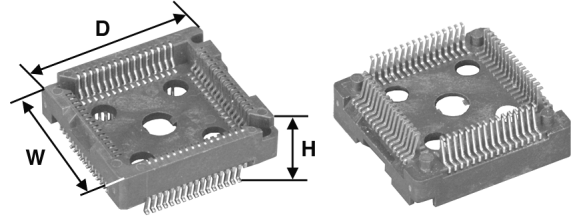
Using this IC socket, developers can connect a 64-pin 0.8 mm-pitch LCC (64D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for an 64P6N-A package MCU. The foot pattern's land length needed to fit the IC socket is equal to that of the 64P6N-A.

Dimensions

20.8(D)×20.0(W)×8.3(H)mm

Foot Pattern Reference Dimensions

See Appendix A "Reference Dimensional Drawing for Common 64-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-080-079

80-pin LCC Socket (Mounting Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-080-079 is an IC socket that can be soldered to a foot pattern for an 80-pin 0.8mm-pitch QFP (80P6N-A or 80P6-B) package MCU (mounting type).

Application

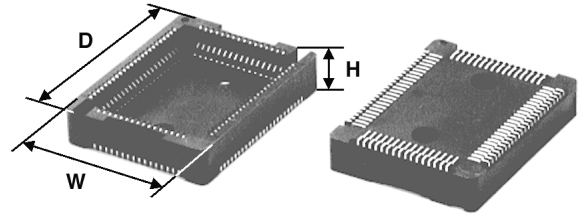
Using this IC socket, developers can connect an 80-pin 0.8 mm-pitch LCC (80D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for an 80P6N-A or 80P6-B package MCU. The foot pattern's land length needed to fit the IC socket is equal to that of the 80P6-B.

Dimensions

26.2(D)×20.0(W)×5.0(H)mm

Foot Pattern Reference Dimensions

See Appendix B "Reference Dimensional Drawing for Common 80-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-080-081

80-pin LCC Socket (Manually Soldering Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-080-081 is an IC socket that can be soldered to a foot pattern for an 80-pin 0.8mm-pitch QFP (80P6N-A) package MCU (manually soldering type).

Application

Using this IC socket, developers can connect an 80-pin 0.8 mm-pitch LCC (80D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for an 80P6N-A package MCU. The foot pattern's land length needed to fit the IC socket is equal to that of the 80P6N-A.

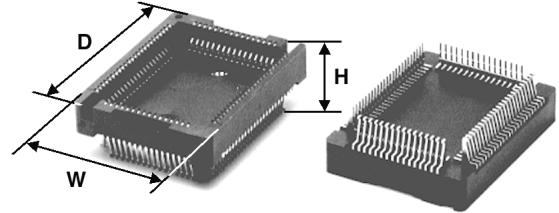
Dimensions

26.2(D)×20.0(W)×8.3(H)mm

* The foot pattern dimension of IC61-080-081 is equal to that of 80P6N-A.

Foot Pattern Reference Dimensions

See Appendix B "Reference Dimensional Drawing for Common 80-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-0804-046

80-pin LCC Socket (Manually Soldering Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-0804-046 is an IC socket that can be soldered to a foot pattern for an 80-pin 0.8mm-pitch QFP (80P6-B or 80P6N-A) package MCU (manually soldering type).

Application

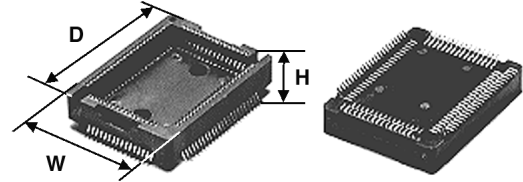
Using this IC socket, developers can connect an 80-pin 0.8 mm-pitch LCC (80D0) package MCU or an emulator probe to the foot pattern on a target that is prepared for an 80P6-B or 80P6N-A package MCU. The foot pattern's land length needed to fit the IC socket is longer than that of the 80P6-B or 80P6N-A.

Dimensions

26.2(D)×20.0(W)×6.2(H)mm

Foot Pattern Reference Dimensions

See Appendix B "Reference Dimensional Drawing for Common 80-pin 0.8mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".

IC61-1004-051

100-pin LCC Socket (Manually Soldering Type) Made by Yamaichi Electronics Co., Ltd.

Function

The IC61-1004-051 is an IC socket that can be soldered to a foot pattern for a 100-pin 0.65mm-pitch QFP (100P6S-A) package MCU (manually soldering type).

Application

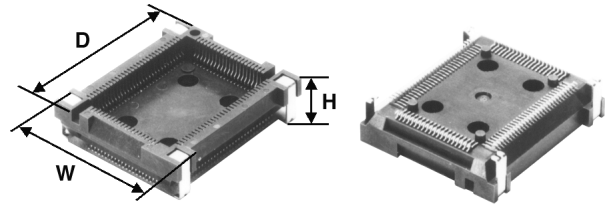
Using this IC socket, developers can connect a 100-pin 0.65 mm-pitch LCC package MCU or an emulator probe to the foot pattern on a target that is prepared for a 100P6S-A package MCU. The foot pattern's land length needed to fit the IC socket is a little longer than that of the 100P6S-A.

Dimensions

26.7(D)×23.6(W)×6.6(H)mm

Foot Pattern Reference Dimensions

See Appendix C "Reference Dimensional Drawings for Common 100-pin 0.65mm-pitch QFP Foot Pattern".



*To purchase the IC61-TOOL-4 pull-out tool which detaches an MCU on IC61 Series, please contact Yamaichi Elect Co., LTD.

[Ordering Information] See Appendix H "Ordering Information".