

### Pitch Converter Boards PCA7752AG02-BARE and PCA7752AG02 Released

We have released the PCA7752AG02-BARE and PCA7752AG02 boards for converting pitches from 0.65 mm to 2.54 mm (standard pitch).

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#### 1. Outlines

##### 1.1 PCA7752AG02-BARE

As a pitch converter, this board enables you to connect an MCU encapsulated in the 100P6S-A or 100D0 package to the standard 2.54-mm-pitch universal board, which is useful in prototyping.

On the board is printed a foot pattern used for either the 100-pin 0.65-mm-pitch QFP package (100P6S-A) or the 100-pin 0.65-mm-pitch LCC one (100D0), and on the pattern can be mounted any of the following IC sockets for accommodating an MCU in the 100P6S-A or 100D0 package. (See Notes 1 and 2.):

- \* MCU of the 100P6S-A package can be mounted directly on the pattern.
  - MCU of the 100P6S-A package manufactured by Renesas Technology Corp.
  - IC61-1004-051 for 100D0 (LCC) manufactured by Yamaichi Electronics Co., Ltd.
  - AXS4003M295C for 100P6S-A (QFP) manufactured by Matsushita Electric Works, Ltd.
  - NQPACK100RB (converter board) for 100P6S-A (QFP) manufactured by Tokyo Eletech Corporation

##### Notes:

1. The PCA7752AG02-BARE is the modified product of the current PCA7752A-BARE such a way that the latter's foot pattern is redesigned to accept the AXS4003M295C and NQPACK100RB QFP sockets.
2. When you use MCU of the 100D0 package, please mount any of the above-listed LCC sockets for it instead of mounting directly MCU on the pattern.

##### 1.2 PCA7752AG02

This converter board consists of a PCA7752AG02-BARE board and an 100-pin 0.65-mm-pitch LCC socket already mounted on it. So an MCU encapsulated in the 0.65-

mm-pitch LCC package (100D0) can easily be connected to the standard 2.54-mm-pitch universal board through this, which is useful in prototyping.

Note that between the PCA7752AG02 and the current PCA7752A, there are no differences in their functions since they have an already-mounted LCC socket of the same type on their foot patterns.

**NOTICE:**

As stated above, there are no differences between the PCA7752AG02 and the PCA7752A in their functions. So please be aware that if you place the order of a PCA7752AG02 product, a PCA7752A may be delivered for some period of time.

For more details, see the following datasheets

PCA7752AG02-BARE

PCA7752AG02

## 2. Ordering Information

Product Type	Type Name	Comment
PCA7752AG02-BARE	PCA7752AG02-BARE	-
PCA7752AG02	PCA7752AG02	-

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