

STEVAL-MKI042V1

LPR503AL adapter board for standard DIL24 socket

Data brief

Features

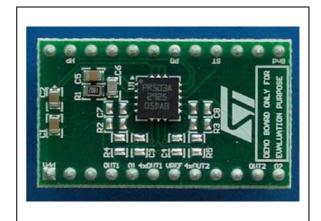
- Complete LPR503AL pinout for a standard DIL 24 socket
- Fully compatible with all other available adapter boards
- RoHS compliant

Description

The STEVAL-MKI042V1 is an adapter board designed to facilitate the evaluation of MEMS devices in the LPR503AL product family. The board offers an effective solution for fast system prototyping and device evaluation directly within the user's own application.

The STEVAL-MKI042V1 can be plugged into a standard DIL 24 socket. The adapter provides the complete LPR503AL pinout and comes ready-to-use with the required decoupling capacitors on the V_{DD} power supply line.

The pinout of the adapter is fully compatible with all other available adapter boards, making it possible to easily switch from one sensor to another during device evaluation without the need for board redesign.



STEVAL-MKI042V1

Schematic diagram STEVAL-MKI042V1

1 Schematic diagram

Figure 1. STEVAL-MKI042V1 adapter board schematic 4 5 9 7 8 6 1 1 2 1 C4 ---33nF C2 10uF 88 83 83 85 ₹ C1 100h II C8 H 4.7uF 12 PD 11 ST STUO FijfOutX/OutX - 유 4x_OUT2 7 ÎĐIV FiltOut∀/Out⊀ Vott bbV ITUO_X4 VCONT FiltInY GND ITUO C5 470nF C7 4.7uF

AM06077v1

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STEVAL-MKI042V1 Revision history

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
22-Feb-2009	1	Initial release.

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