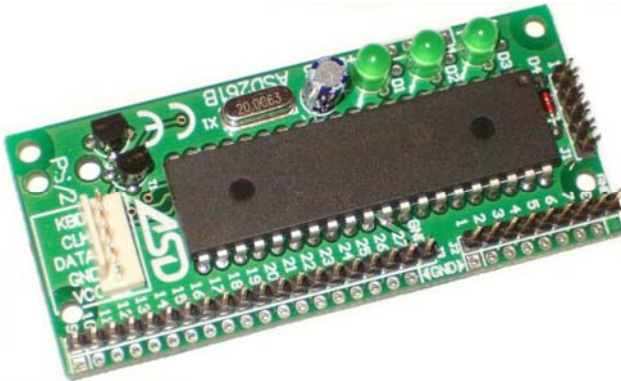


KEYBOARD INTERFACE

Interface with PS2 protocol - ASD261



Technical characteristics:

Power supply: +5V (directly from the PS2);
 Typology of the entries: single key, matrix;
 Number maximum single keys: 27;
 Dimension maximum matrix: 19 x 8 (152 keys);
 Keys mapping: standard, personalized;
 Board reprogramming: directly from the cable PS2;
 Keys code: standard Windows, personalized;
 Scan code: SET2;
 Typematic delay: programmable;
 Outputs: 3 (led, optional open-collector for relè or buzzer);
 Indication LED: Num-Lock, Caps-lock and Scroll-lock;
 Pressure simultaneous keys: no limit;
 Dimensions: 78,5 x 34,8 mm;
 Environmental conditions them operating: -10 +40 °C, 90% U.R.

The board implements the PS2 protocol and allow to connect a keyboard to a PC. The interface is dedicated to the connection of keyboards to membrane, direct or matrixes of keys of any kind and dimension.

The board can work both in independent way and in parallel to another keyboard.

Is previewed one mapping and personalization of the single keys. To every single key it is possible to assign a second function. The software of configuration in environment Windows, immediate and intuitive, is completely free.

The board is supply directly from connector PS2. It doesn't need the installation of Driver. To the BOOT is recognized by the BIOS as a keyboard PS2.

The electronics are realized in order to guarantee, also in Industrial within, an optimal level of performance and one elevated immunity to disturb electrical workers. Implemented the function of bounceless. The board it is optimized in order to render the necessity of configuration from part of the customer minimal.

Personalizations of the Board are possible.



Company Presentation

A.S.D. works in the electronic system design business sector, in prototypes and small electronic boards series production, in the electronic engineering consulting service. In our designs we use microcontrollers from the main worldwide firms (SGS, Microchip, Motorola, Rabbitsemiconductor), and our ability range from machines and processes industrial electronic control, to home automation, to environmental monitoring systems.

Our products are in sectors: **Industrial Automatism and Controls; Testin Bench for electronic industrial productions; Home Automation; Communication and Telephony accessory; Entertainment and Amusement arcades.**

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