

Product Datasheet

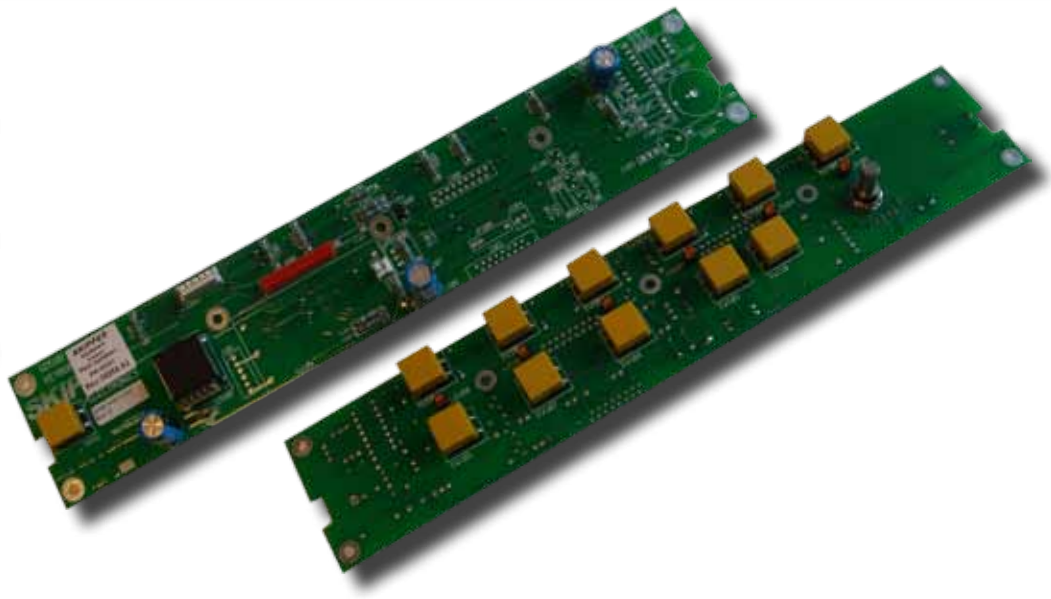
PK-G021 PCB KEYBOARD GDS101 Colour

SKIPPER

**Art. No.
PK-G021**

**PCB
keyboard**

Illumination



The PK-G021 is a PCB keyboard for the SKIPPER GDS101 Navigational Echo Sounder.

Main Functions:

The keyboard system is based upon the main PLD on the I/O Board. The software de-bounce and read the key matrix and the optical rotating encoder through this logic.

Applications:

Provides keys, encoder for the GDS101 colour version.

Usage:

**Sparepart for SKIPPER GDS101.
Replacement of defect/worn parts**

SKIPPER Electronics manufacture marine electronics for the merchant fleet as well as the fishing fleet, based on experience, research and tradition. Our products are known worldwide for reliability, sophistication and good value for money.

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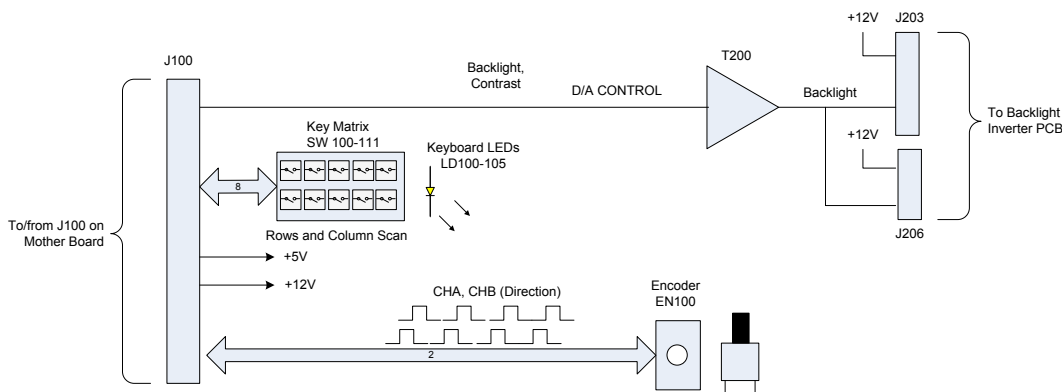


Specifications

	Part number	Rev.	Description
Part number	PK-G021	0926AD2	PCB KEYBOARD GDS101 Colour
SUB part of	EN101C-XX	0949A	SKIPPER GDS101 Navigational Echo Sounder
The kit contains	ZZZ-010001	D2	PCB KEYBOARD GDS101 Colour Screen ver. D
Power Supply	5/12 V DC		
Power Consumption	100/300 mA DC		
Dimensions	27 x 5 x 1.5 cm		
Weight	100 g		
Manufacturer	SKIPPER Electronics AS, Norway		

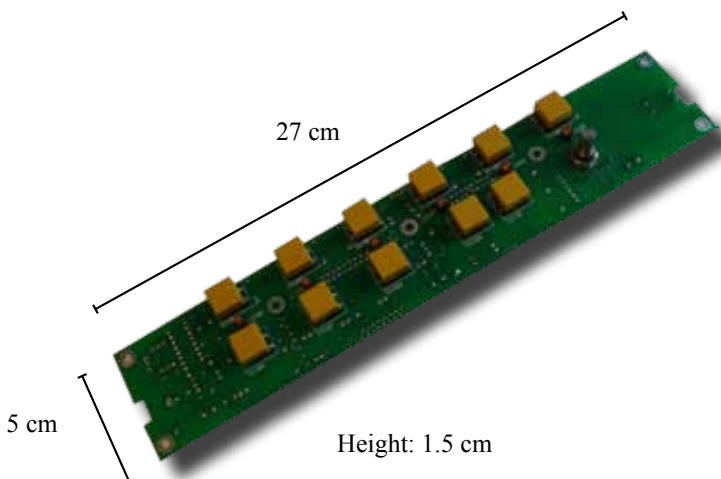
GDS 101 Keyboard Rev D2 Complete, 1 of 1, (Rev 01, May 09)

Block Diagram



KEYBOARD FUNCTIONAL DESCRIPTION:

- The keyboard system is based upon the main PLD on the I/O Board.
- The software debounce and read the key matrix and the optical rotating encoder through this logic.
- The keyboard circuit board also contain the following functional blocks:
 - Backlight inverter PCB control circuitry.
 - Keyboard illumination LED's.



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