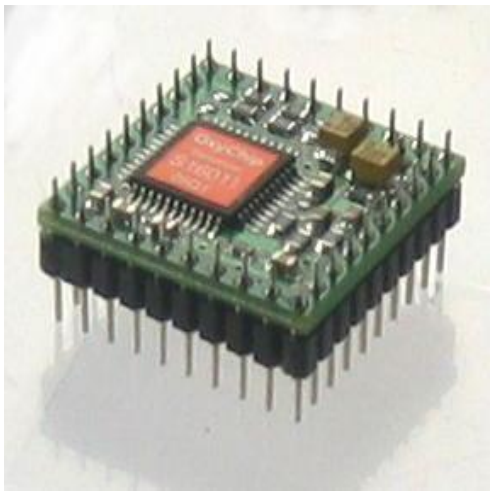
OxyChip S16011 Serializer IC



Key Features

- Specification exceeds original hybrid IC
- Pin-for-Pin Replacement for Sony 1601 Serializer
- Utilizes ASIC Technology
- Improved jitter performance
- High Stability
- Low power consumption
- Low heat generation
- Plugs straight into existing equipment

The OxyChip S16011 is a pin-for-pin replacement to the Sony/Thomson 1601 Serializer IC. The S16011 does not suffer the thermal problems of hybrid IC as it uses ASIC rather than hybrid technology and reduced haet build up in rack miount equipment. It is a low power consumption device and can be quickly plugged into an existing socket on a circuit board, where available.

Consuming approximately 1/3rd of the power of the Sony/Thomson 1601 and generating 1/3rd heat and eliminating the jitter problems associated with the original devices.

Whilst these chips may be used in many devices by 'plug n play', it can be necessary, due to the wide variety of SDI products, to optimise some equipment by disabling the VCO control and removing some resistor pads. A full range of modifications can be found on the website under the OxyChips product files. Please call for further details or use the Support form on www.oxygendct.com for any queries or questions you may have.

Specifications

Bit Rate	**143 to 560Mb/s**
Power Consumption	To be advised

Ordering Information

OxyChip S16011 Serialiser IC - Replacement for Sony 1601

Options

OxyChip D16021 De-Serialiser IC - Replacement for Sony 1602

The above information is subject to continual change due to product development.
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