

# AOUT Module



## Introduction

AOUT modules generate **Analog (Control) Voltages (and gate signals)** \*. It provides **8 control voltage (CV) outputs with 12 bit resolution and 2 gate outputs**. It is used by various MIDIbox projects to control analog synthesizers and/or FX gear.

The **MAX525 DACs** feature better performance than the one used on the [AOUT\\_NG](#). **So for perfectionists wanting to drive analog VCOs with maximum tuning precision, the AOUT is the right choice**. Bipolar operation is possible but needs some external parts. Although, MAX525 is quite expensive and has limited availability.

## Parts / Schematic

see [AOUT Parts List](#)

- [Schematic](#) <sup>UCapps</sup>

Replacement for MAX6007B Voltage Reference : **LM4040A20** ([datasheet](#)).

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