



The Yocto-0-10V-Tx is a USB device with two channels that can generate independent voltages between 0 and 10V, for instance to control dimmable LED drivers. Each channel can drive up to 20mA.

The two PWM channels share the same ground, but are galvanically insulated from the USB bus, even though they don't need an external power supply. This allows you to drive main-powered equipment without risking to fry your computer.

### Specifications

Product ID	TX010V01
USB connector	micro-B
Width	20 mm
Length	60 mm
Weight	10 g
Accuracy	0.5%, 10 mV
Resolution	1 mV
IEC protection class	class III
USB insulation, dielectric strength (1 min.)	1 kV
Normal operating temperature	5...40 °C
Extended operating temperature <sup>‡</sup>	-30...85 °C
RoHS compliance	RoHS III (2011/65/UE+2015/863)
USB Vendor ID	0x24E0
USB Device ID	0x007D
Suggested enclosure	YoctoBox-Long-Thick-Black
Harmonized tariff code	8542.3190
Made in	Switzerland

<sup>‡</sup> The extended temperature range is defined based on components specifications and has been tested during a limited duration (1h). When using the device in harsh environments for a long period of time, we strongly advise to run extensive tests before going to production.



For more information: [www.yoctopuce.com/EN/products/yocto-0-10v-tx](http://www.yoctopuce.com/EN/products/yocto-0-10v-tx)