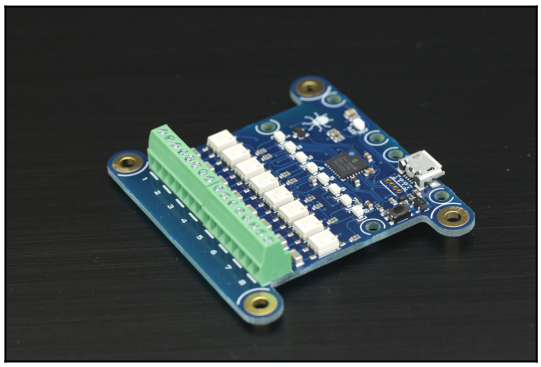
Yocto-MaxiCoupler-V2



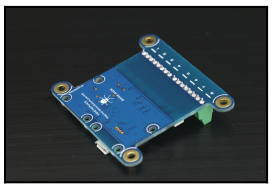
This USB device features 8 solid state relays, able to switch directly up to 48 VDC or 30 VAC r.m.s. for loads up to 1.3 A. Thanks to their on-state resistance of only 0.1 Ohm, they can even stand short peaks up to 5 A (max.100ms). This device therefore provides a compact alternative to mechanical relays for switching signals an small loads.

The state of each output is shown by a LED. This device does not require any external power. Each output is features a multilayer varistor, which protects the solid-state relay against voltage transients.

Specifications

Product ID	MXCOUPL2
USB connector	micro-B
Thickness	10.1 mm
Width	58.3 mm
Length	50 mm
Weight	15 g
Channels	8
Chipset	G3VM-61GR2
Off-state leakage current	1 nA
Max switching current	1.3 A
On-state resistance	0.1 Ω
Max working voltage	48 V DC
Max working voltage (AC)	30 V r.m.s.
IEC protection class	class III
Normal operating temperature	5...40 °C
Extended operating temperature‡	-30...85 °C
Power derating	17mA / °C above 40°C
RoHS compliance	RoHS III (2011/65/UE+2015/863)
USB Vendor ID	0x24E0
USB Device ID	0x0095
Suggested enclosure	YoctoBox-MaxiIO-Transp
Harmonized tariff code	8542.3190
Made in	Switzerland

‡ 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-maxicoupler-v2