

Datasheet:



RELAY FOR MICRO:BIT KIT

V1 E-J - 2020-02-22

This relay can be used to switch low voltage devices such as light bulbs, a motor, a small heating element or even a string of 12V LED lighting. The voltage needs to be kept under 16V, but the relay will automatically protect itself against too much current.

- Solid-state relay (up to 1 Amp continuous, 2A for short periods less than a minute)
- Active LED indicator
- Resettable 'polyfuse' to protect against over-current



Absolute Maximum Ratings

		Units
Max. switched current (< 1 min)	2	A
Max. switched current continuous	1	A
Peak switched voltage	16	V
Max. switching voltage	5	V

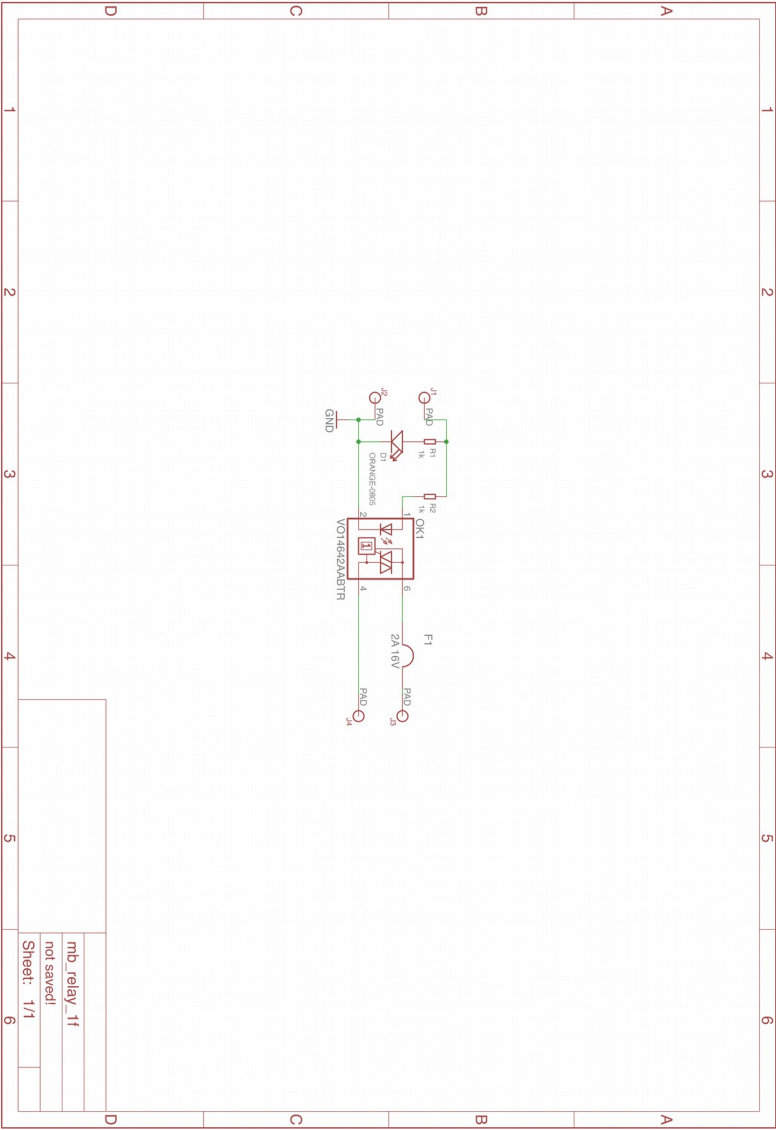
Electrical Characteristic

		Units
Typical input switching current at 3V	5	mA

Width:



Schematic v1e-g



In these versions, an opto-isolated MOSFET driver (VOM1271) is used to drive two n-channel MOSFETs.

