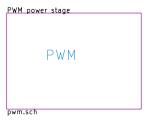
PWM Solar Charge Controller 20A

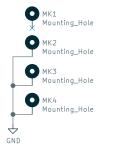




Power Supply Power USB power_supply.sch

Main Specifications

- 12V/24V battery voltage
 20A max. charge current (10A with cheaper MOSFETs possible)
 55V max. solar input
 32bit ARM MCU (STM32L072)
 Expandable via Olimex Universal Extension Connector (UEXT) featuring
 12C, Serial and SPI interface (e.g. used for display, WIFI communication, etc.)
 USB charging (single port)
 Low-side load switching







PWM Sola	ar Cha	rge Controller		₽
Libre Solar Website: https://libre.solar				LIBRE SOLAR
Sheet: / File: pwm_charger_20a.sch				
Author: Martin Jäger				
Size: A4	A4 Date: 2019-03-05		Rev: 0.2	
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