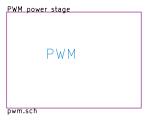
## PWM Solar Charge Controller 20A





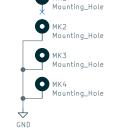
Power Supply Power USB power\_supply.sch

## 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
  IZC, 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 <b>SOLAR</b>		
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Author: Martin Jä	iger				1
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