24V / 20A PWM Solar Charge Controller



PWM power stage PWM pwm.sch

Power Supply Power USB power_supply.sch

Main Specifications

- 12V/24V battery voltage
 up to 20A max. charge current (depending on MOSFET selection)
 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 2420 LUS	
Libre Solar Website: https://libre.solar	LIBRE SOLAR
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