



- IDEAS
- use ENIG gold finish on front panel for graphical element
 - evaluate protection if both USB and external power are active.
 - Implement overvoltage protection on 5V
 - Layout: move switching converter away from the rest. Review layout based on PCB in datasheets.
 - Make the design 230VAC compliant, add earthing connection

- CHANGELOG
- Rev1.3 : diode for reverse powerflow USB protection
 - Rev1.3 : mains AC on PCB change
 - Rev1.2 : fixed input protection
 - Rev1.2 : soldering pad for 5V/3V3 EXT
 - Rev1.1 : fixed R11 connection between FB and GND
 - Rev1.1 : fixed footprint of RFID chip (pins description in reverse order)
 - Rev1.1 : moved buzzer to top side
 - Rev1.1 : fixed wrong footprint of Q1

Schematic	FAB-O-MATIC			Update Date	2024-08-17
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Page	Notes			Part Number	JLCPCB-002
Drawn	PBrunot				
Reviewed					
		VER	SIZE	PAGE 2 OF 2	
EasyEDA		V0.1	A4	FabLab BG	