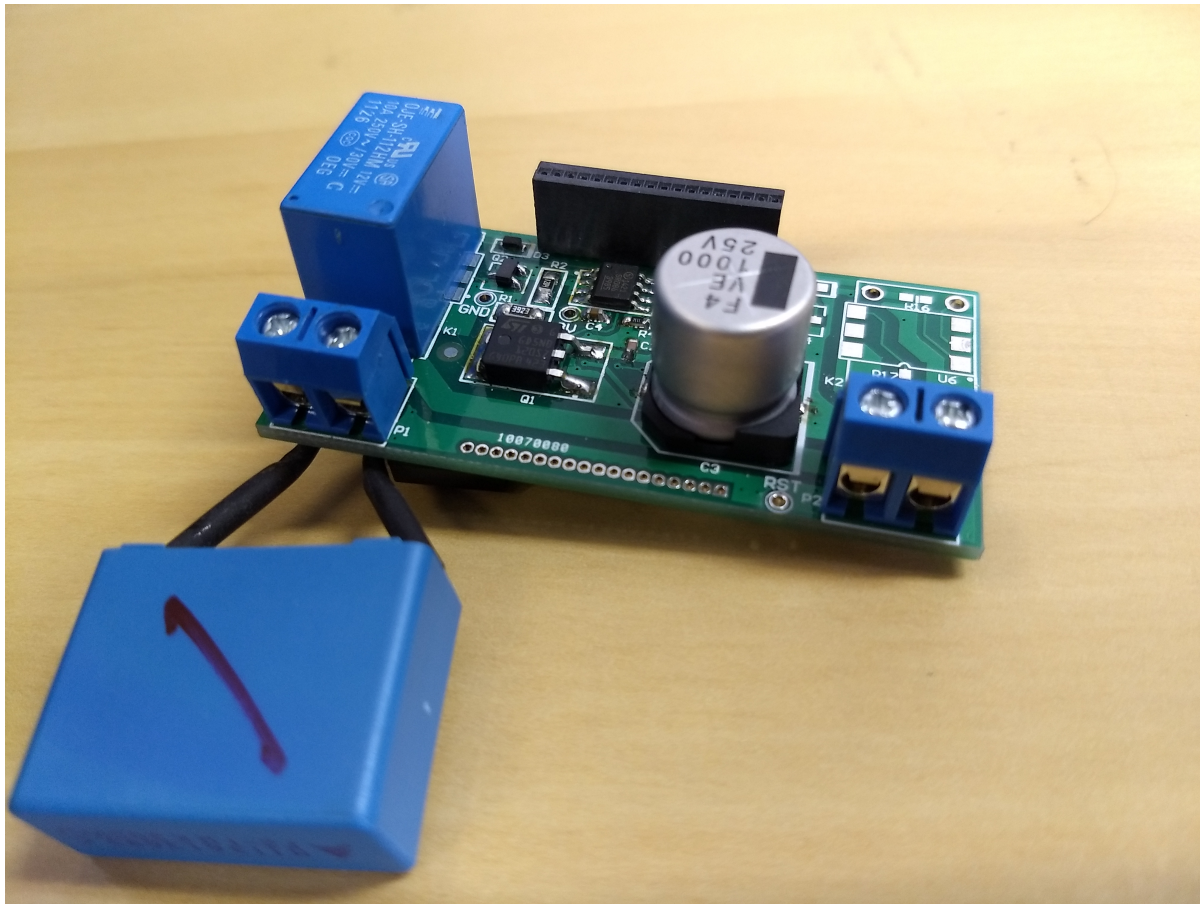


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EPOSMote III - Smart Plug Module

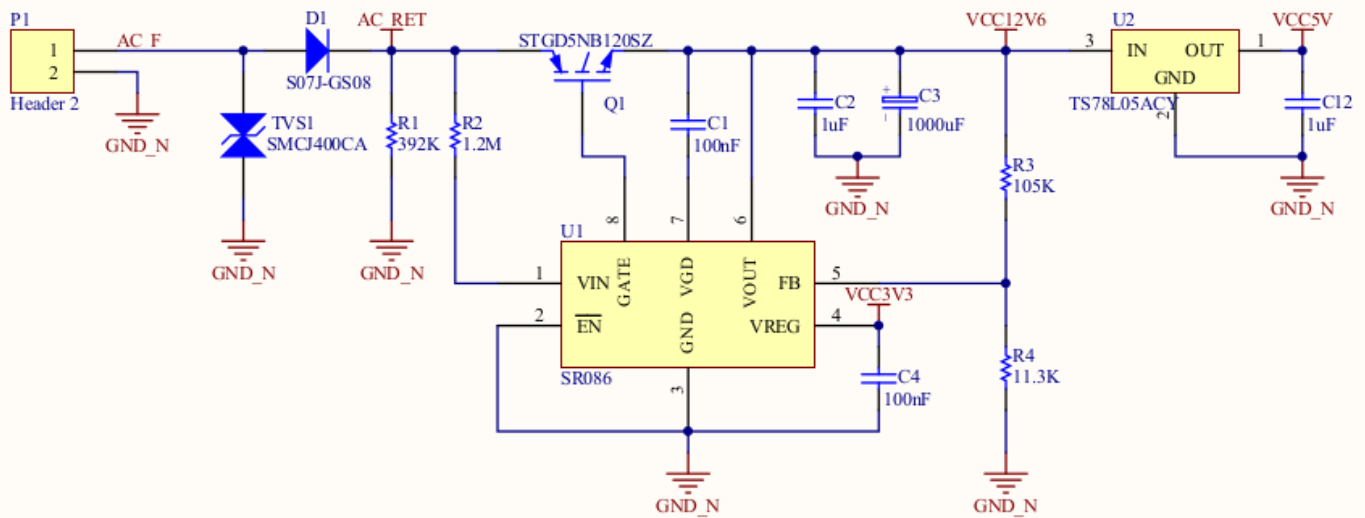
The EPOSMote III Smart Plug Module is a EPOSMote III daughter board used in the plugs of the LISHA. The board allows EPOSMote III to control and read the rated voltage of the plug and the current and power consumed by a machine that is connected to the plug.



Power Supply (IN and OUT)

The EPOSMote III Smart Plug Module needs an input power supply of AC-220V and have an output power supply of DC-3,3V/5V/12,6V.

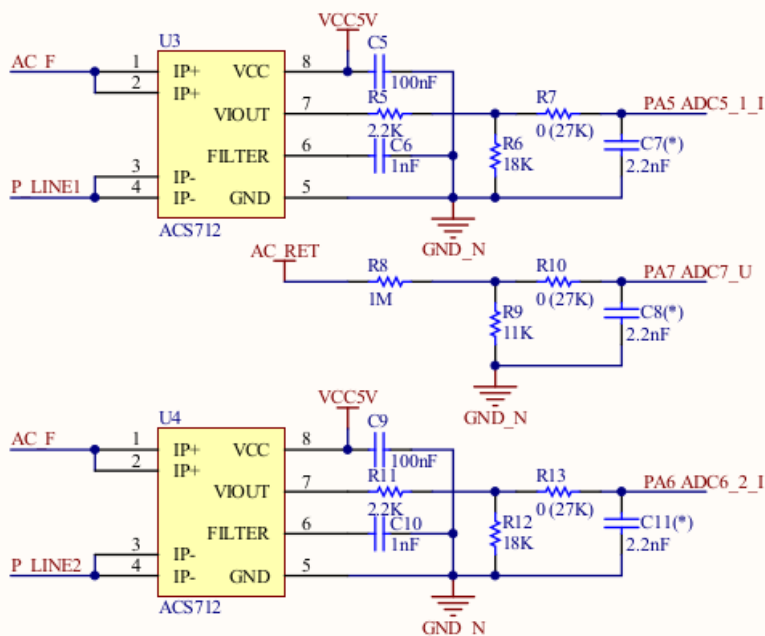
Fonte Alimentação IN(AC):220V OUT(DC): 3.3V, 5V e 12.6V



Wattmeter (voltmeter and ammeter)

The EPOSMote III Smart Plug Module have one voltmeter and one ammmeter, so, this way, we can calculate the power consumption, because $P=V \cdot I$.

WATTIMETRO (Vôltímetro + Amperímetro)



eMote III Connection

The eMote3 is connected to EPOSMote III Smart Plug Module through a pair of connectors in the board that fits exactly in the connectors of the eMote3. So, it's just "plug and play".

Board size

The EPOSMote III Smart Plug have the following dimensions (Height x Width): 60mm x 30mm.