Home Electricity IoT

PROJECT "JOUKO" BY SOUTH-EASTERN FINLAND UNIVERSITY OF APPLIED SCIENCES ITD

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5 V 2 A AC/DC Voltage Source for the Jouko GSM versions (Countryside Control Unit)

THE MOTHERBOARD CONVERTS THIS 5 V DC INTO 4 V DC ACTUALLY REQUIRED BY THE GSM RADIO CHIPS BY SIMCOM. THIS CIRCUIT GENERATES 5 V 2 A FROM THE MAINS VOLTAGE. THERE ARE COUNTERMEASURES AGAINST BOTH RADIATED AND CONDUCTED DISTURBANCE EMISSIONS (EMI). THIS MODULE IS NOT REQUIRED WITH THE LORAWAN ONLY OR BLUETOOTH ONLY VERSIONS.

