FREQUENCY CENTRAL

Visual build guide for:

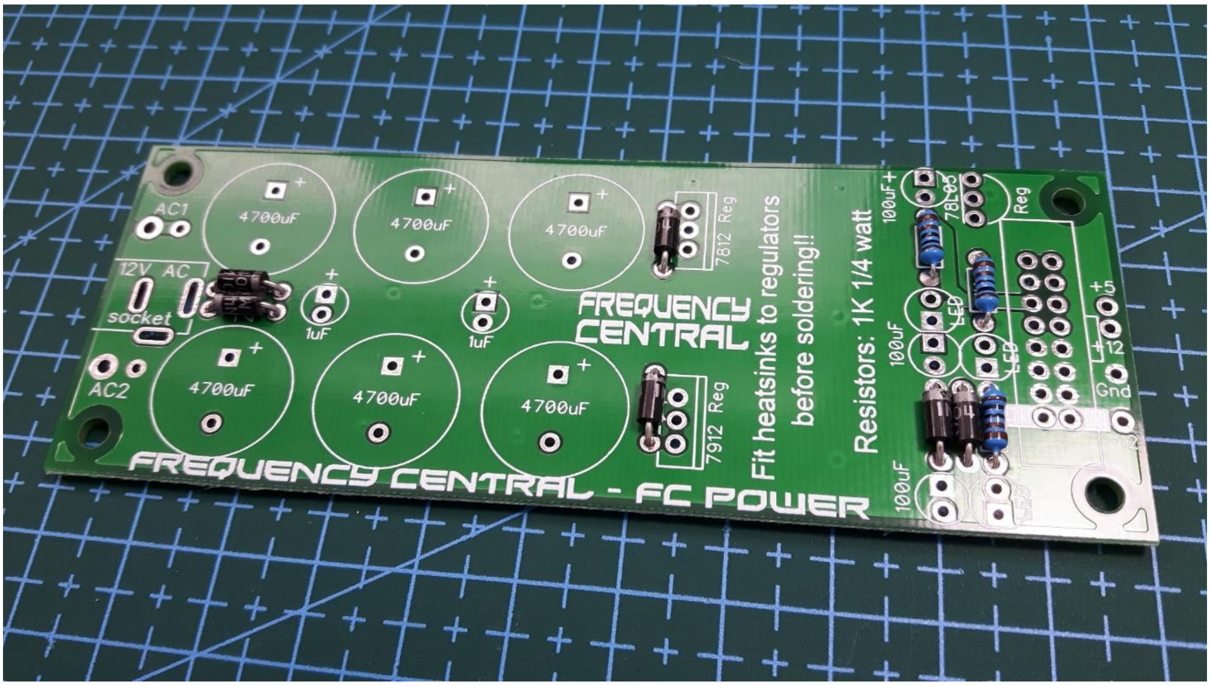
FC POWER

FC Power must be powered from a **12V AC** wallwart.

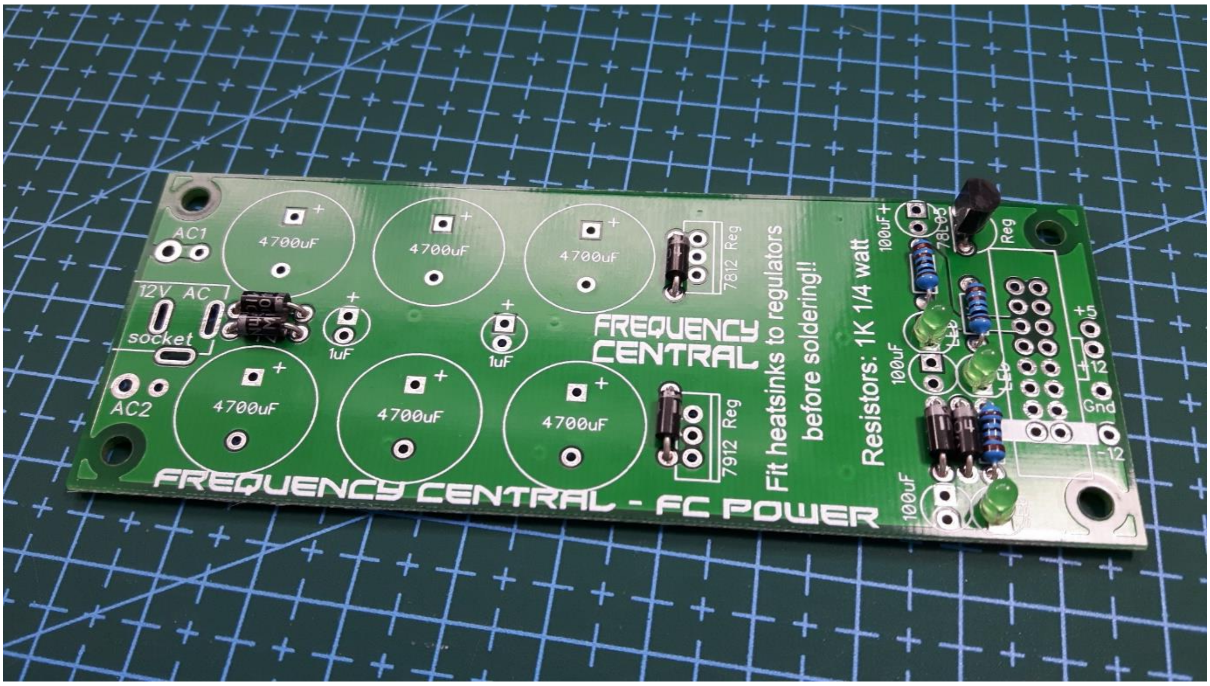
That's **AC**.

Won't work with **12V DC**

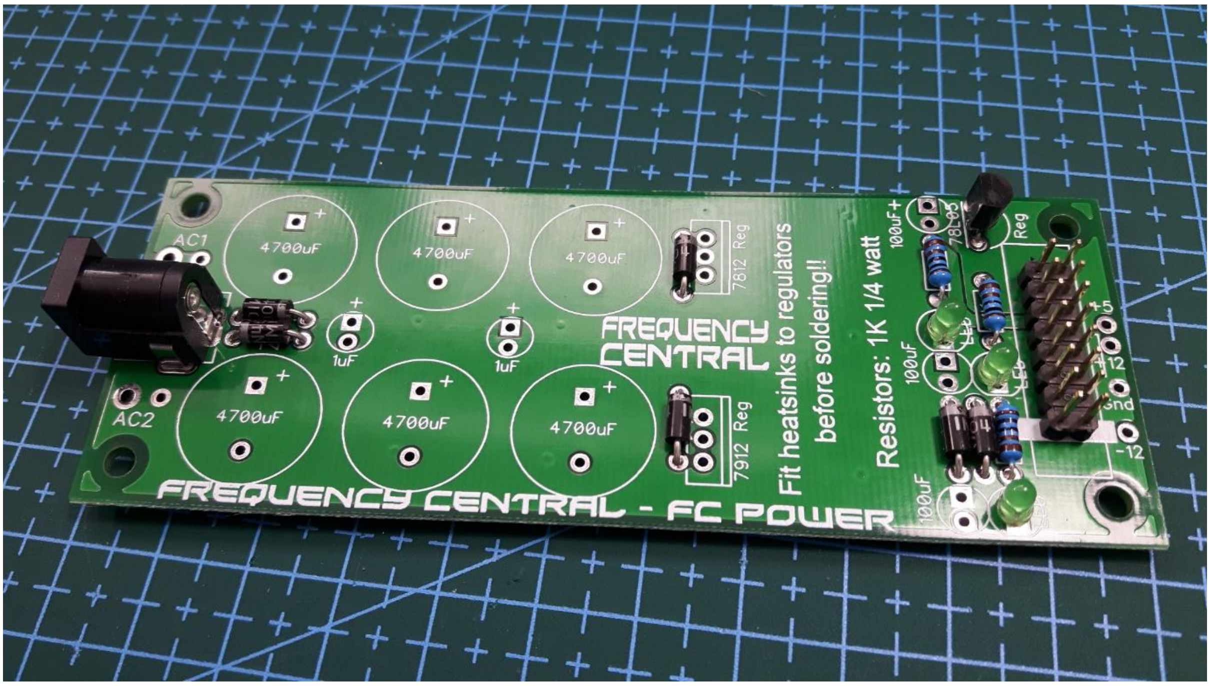
1K x 3	1uF 50V x 2 100uF 35V x 3 4700uF 25V x 6	7812 x 1 7912 x 1 78L05 x 1 1N4004 x 6 3mm red LED x 3	Heatsink x 2 Power header AC power socket Yes I know the link says DC. Ignore that. M3 bolt x 2



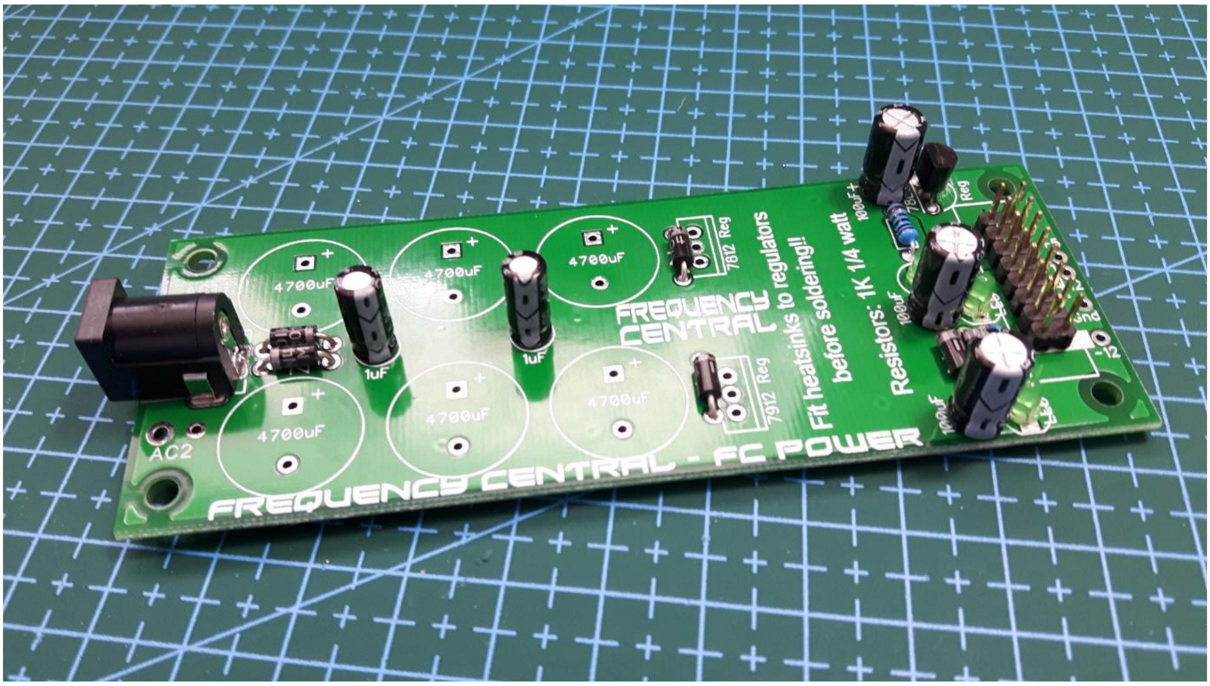
1. Solder 6 x 1N4004 diodes and 3 x 1K resistors



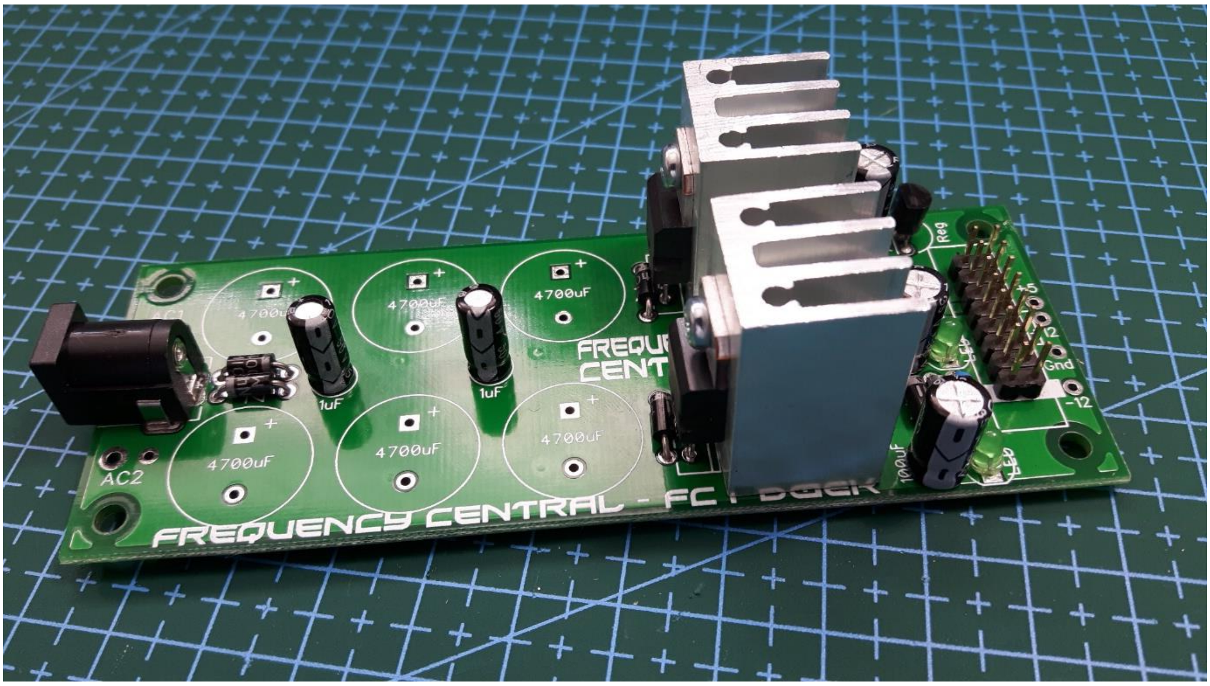
2. Solder the 78L05 and 3 x 3mm LEDs. Short leg of LED goes into square pad.



3. Solder the AC power inlet (left) and power header (right).



4. Solder 2 x 1uF and 3 x 47uF. Long leg goes to square hole.



5. Bolt to 7812 and 7912 to their healsinks and solder them into place. Don’t mix them up!

6. Your done! You’ve got the power.