

DESIGN OF A 120W USB PD EXTERNAL POWER SUPPLY



PROJECT DESCRIPTION

- Provide 5 different power levels (5V/3A - 9V/3A - 15V/3A - 20V/5A - 28V/4.2A)
- Have an efficiency >90% at full load at 230V AC
- Have output over-voltage and over-current protection
- Consuming <75mW in IDLE

PROFILES: ENGINEER



2 Trainees



Electrical Engineering, Automation, Microelectronics(ENIT, ENISO, ENIM, ENIG, ENIS, ENIGA)



6 months



Electronics, Automation, Electrical systems, PSPICE, PSIM, LTSPICE, CAD (Altium, Eagle, Proteus...)