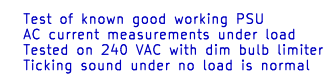


Based on the A500 PSU schematic by Greg McCarthy (<https://github.com/StormTrooper>)

DC stepped down



Test of known good working UC3844 PWM IC
Pin 6 (OUT)
Load on 5V output

P2N60 alternatives

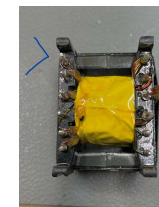
GDS
600 V 2.9 A 70 W
RDS(on) < 3.5 ohm
Vgs +/- 20 V

STP4NK60Z (4 A)
STP5NK60Z (5 A)
IRFBC30PBF (3.6A)

UC3844

Broken: p5-6 2 ohm
Working: p5-6 16M ohm

- ```
1: 5 V constant after 600 ms
2: 0 V
3: 1 V pulse after 1 s
4: 3 V 69 kHz (15 us) signal after 600 ms
5: 0 V
6: 13 V PWM
7: 16 V linear charge over 600 ms, drops to 11 V
8: 5.4 V after 600 ms
```



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**Title: Amiga A1200 PSU (UK)**

|                             |                  |
|-----------------------------|------------------|
| Size: A3                    | Date: 2023-02-10 |
| KiCad E.D.A. kicad (6.0.10) |                  |

Rev: 1C  
Id: 1/1