

The Electrocompaniet 2 Channel Audio Power Amplifier



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|---------------------------|------------------------------|--------------------------------------|
| R1-3-19= 1.8K Ω | R24-31= 2.2K Ω | D1= 15V 0.5W Zener |
| R2= 10 Ω | R25= 2.7K Ω | D2-3= 1N4148 |
| R4= 12K Ω | R28-29= 10 Ω | D4-5= BY206 |
| R5= 120 Ω | R32-33= 56 Ω | Q1= BCY87 (Philips) |
| R6-7-27= 1K Ω | R34-35= 1 Ω 5W | Q2-3= ZTX384 (Ferranti) |
| R8-13= 2.7K Ω | R36-37= 1 Ω 5W | Q4= BCY89 (Philips) |
| R9-10= 1K Ω | R38= 1 Ω 3W | Q5-6= BD140 |
| R11-12= 33 Ω | C1-6-7= 100nF 100V Polyester | Q7-8-9= BD139 |
| R14-15-20-21= 10 Ω | C4-5= 680nF 100V Polyester | Q10= BD139 |
| R16= 3.3K Ω | C2= 2.2nF 100V Polyester | Q11= BD140 |
| R17= 4.7K Ω | C3= 2.5nF 100V Polyester | Q12-13= BD203 |
| R18-26= 470 Ω | TR1= 220 Ω Trimmer | Q14-15= BD204 |
| R23-30= 1 Ω | TR2= 1K Ω Trimmer | All R is metal film 1% except R34-38 |

| SPECIFICATION | |
|---------------------|---------------|
| Εύρος Απλάι | 25W/8Ω-40W/4Ω |
| Οπίθια Ελαστικότητα | 160 [8Ω] |
| Αίθρο Αόχ Αέθια | 1KΩ |
| SLOW RATE | 125V/μs |
| Αθίθνέος Οόθιοό | 1W/8 DC-1MHZ |
| THD | 0.01% 12.5W |
| TIM | 0.03% 12.5W |
| NOISE | 100dB |

Sam Electronic Circuits 8/01

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