



Source of Schematic:  
DIY audio JC-80, eBay PCBs

#### Components:

ICs:  
IC6101-IC6102: Analog Devices  
Transistors:  
Q6101-Q6102, Q6105-Q6106 Hitachi  
Q6102-Q6103: Toshiba  
Q6107-Q6108: Hitachi  
Zener Diodes:  
DZ6101-DZ6102: Vishay 18V  
Capacitors:  
C6101, C6103, C6107: ICEL MPW116  
C6102, C6106, C6112, C6114: Vishay-ROE MKP1837  
C6108-C6109, C6116-C6117: MultiCap RTX  
C6110, C6111, C6113, C6115: Rubycon Black Gate FK  
Potentiometers:  
P6101, P6102: Vishay 1280G  
Resistors:  
R6101, R6102, R6107, R6108, R6110, R6111, R6115,  
R6116, R6118-R6126, R6131, R6132, R6135, R6140,  
R6141: Caddock TF020  
R6109, R6112-R6114, R6117: Vishay VAR  
R6103-R6106, R6127-R6130, R6133, R6134,  
R6136-R6139: Caddock MP820

#### Heatsinks:

HS6101Cu: Q6101, Q6102, Q6103, Q6104, Q6105,  
Q6106  
HS6102Cu: Q6107, R6136, R6138  
HS6103Cu: Q6108, R6137, R6139

#### Construction amendments:

- PCB material: double-layer, 2,00mm teflon Cu 70um  
Au plated Hal Pb without solder-mask
- Wiring: Ag solid core in Teflon
- All heatsinks are Cu solid bare

#### Component Purchasers:

IC6101-IC6102: Mouser  
Q6101-Q6102, Q6105-Q6108: eBay  
Q6103, Q6104: Stanton  
DZ6101-DZ6102: Mouser  
P6101-P6104: Percy Audio  
R6101, R6102, R6107, R6108, R6110, R6111, R6115,  
R6116, R6118-R6126, R6131, R6132, R6135, R6140,  
R6141: Percy Audio  
R6109, R6112-R6114, R6117: Parts Connexion  
R6103-R6106, R6127-R6130, R6133, R6134,  
R6136-R6139: Percy Audio  
C6101, C6103, C6107: Elfa Distrelec  
C6102, C6106, C6112, C6114: Elfa Distrelec  
C6108-C6111, C6113, C6115-C6117: Parts Connexion

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