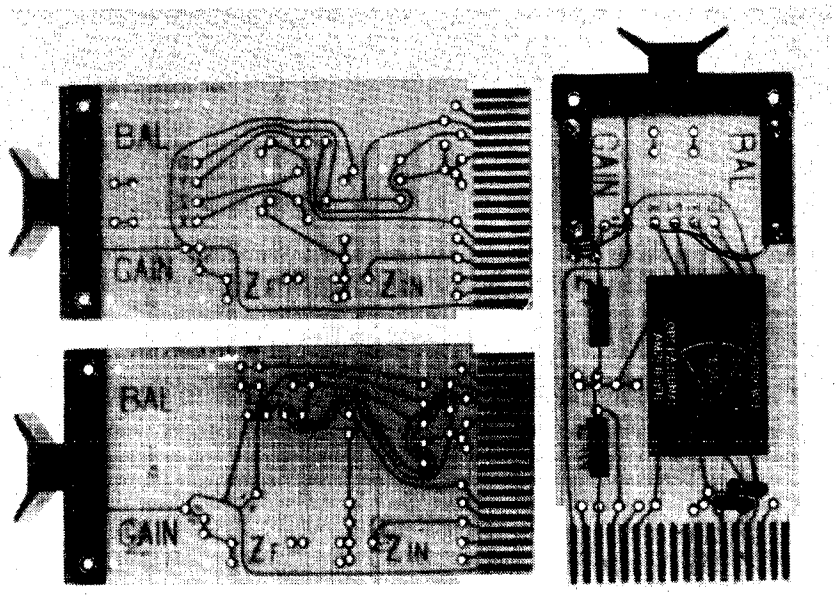
AMPLIFIER BOARDS
TYPES A990, A992

A SERIES



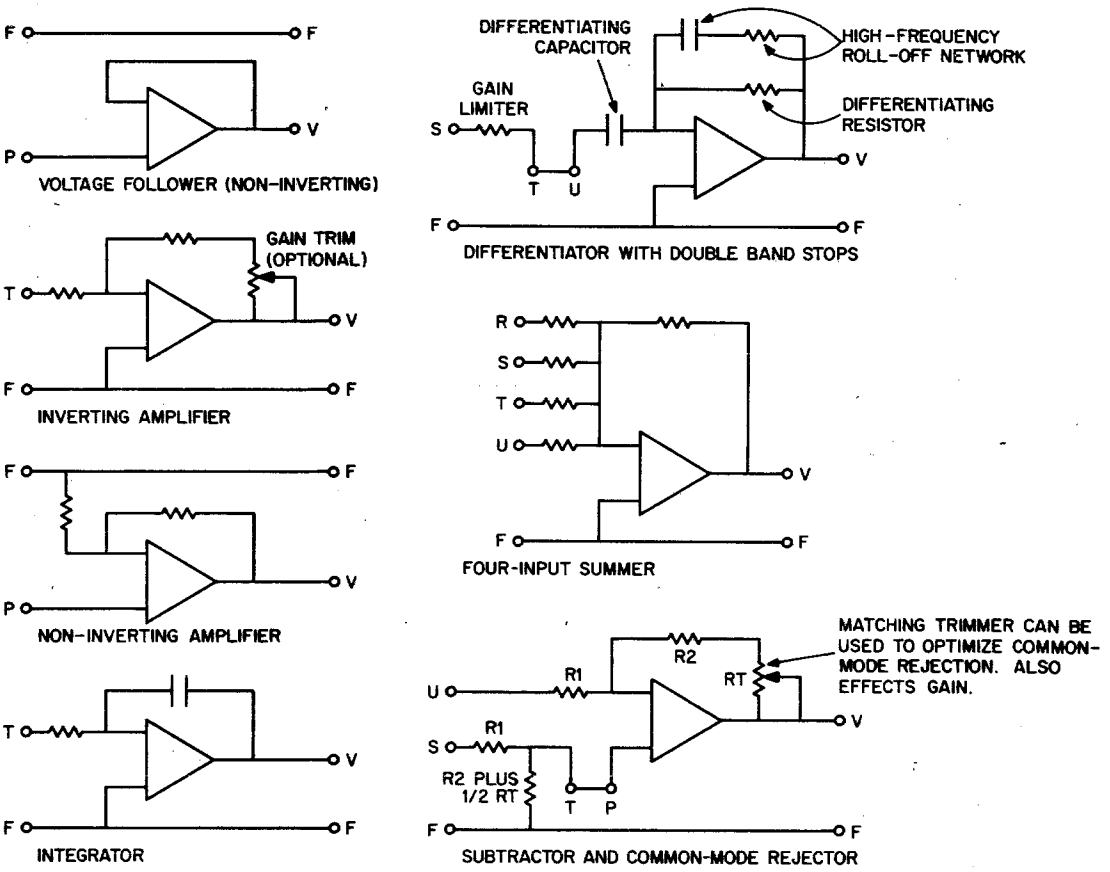
Many types of commercially available operational amplifiers can be mounted in the holes provided on these predrilled etched boards. Mounting holes and printed wires provide for balance trim, gain trim, and feedback networks required to build such common operational devices as voltage followers, inverting or non-inverting amplifiers, integrators, differentiators, summers and subtractors. Most amplifiers listed in the table below require ±15v regulated supplies which are readily available from the amplifier manufacturers. Notable exceptions are Analog Devices' Models 101, 103, and 104 which may be used with standard DEC +10v, −15v supplies at some sacrifice in voltage range (+5, −10v) and noise.

POWER: Positive at pin D, negative at pin E, common at pin F for all types. Space is provided for mounting bypass capacitors used with some high frequency amplifiers.

TRIMMING: Mounting holes on 1″ centers at the handle end accept wirewound potentiometers for balance and feedback (gain) trimming. Gain rheostat may be connected in series with feedback components to allow precise adjustment of gain using inexpensive 1% feedback resistors. Board is etched to allow for use without gain trimming, and one printed conductor must be cut at caret marks to put a rheostat in the circuit. Gain rheostat stray capacitance to ground is driven by amplifier output.

Amplifier Supplier	Types accepted by A990	Types accepted by A992 (boosters too)
Analog Devices	101, 102, 104, etc.	103, 106, 107, etc.
Burr-Brown*	1500-46, 1500-68	—
Data Device Corp.	—	most types, except boosters
Nexus	Case K or Case L	Case Q
Philbrick	—	Case PP
Union Carbide	—	most types
Zeltex	—	Case A

*Except Burr-Brown differential output and chopper stabilized types. Perforated board W994 or other blank module may be used to mount non-standard configurations.



A990	$4.00
A992	$4.00