

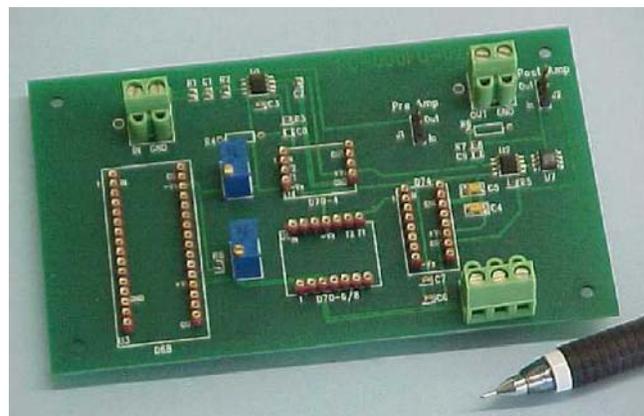


## Single Channel Filter Mounting Assembly

### For Fixed Frequency Filters

#### Description

The FMA-01S, Filter Mounting Assembly eliminates the need to breadboard or hand-wire filter modules into individual test set-ups. FMA-01S's are factory assembled 3" x 5" printed-circuit boards with socket pins for filter insertion, various electronic components, and screw terminal connections for power and signal input/output. The FMA-01S operates with any of the D61, D64, D66, D68, D70, D72, D74, D76 or D78 Series filter modules.



#### Features/Benefits

- No more building of breadboards.
- Utilized as a single channel bench-top test set or rack mounted via mounting holes for instrumentation applications.
- Accepts a broad range of filter modules allowing for selected cut-off frequencies and transfer functions specific to each application.
- Provide quick and easy connection between circuit card and wired electrical circuits.
- All external connections are easily made with a screwdriver, reducing engineering design, set-up and test time.

#### Applications

- Aerospace, navigation, sonar applications
- ATE, research and development
- Automotive and transportation
- Communication systems and electronics
- Data acquisition systems
- Industrial process control
- Medical electronics equip. and research
- Sound and vibration testing
- Noise elimination
- Signal reconstruction

#### Low-Pass Filters Available

D61	4-pole	0.05 Hz to 1.00 Hz
D64	4-pole	1.00 Hz to 100.0 kHz
D66	6-pole	1.00 Hz to 100.0 kHz
D68	8-pole	1.00 Hz to 100.0 kHz
D70	4, 6, 8-pole	100 Hz to 50.0 kHz
D72	2-pole	1.00 Hz to 100 kHz
D74	4-pole	1.00 Hz to 100 kHz
D76	6-pole	1.00 Hz to 100 kHz
D78	8-pole	1.00 Hz to 100 kHz
D100	4 & 8-pole	100 Hz to 100 kHz

#### High-Pass Filters Available

D61	4-pole	0.05 Hz to 1.00 Hz
D64	4-pole	1.00 Hz to 100.0 kHz
D66	6-pole	1.00 Hz to 100.0 kHz
D68	8-pole	1.00 Hz to 100.0 kHz
D70	4, 6, 8-pole	100 Hz to 50.0 kHz
D72	2-pole	1.00 Hz to 100 kHz
D74	4-pole	1.00 Hz to 100 kHz
D76	6-pole	1.00 Hz to 100 kHz
D78	8-pole	1.00 Hz to 100 kHz
D101	8-pole	1.0 kHz to 500 kHz

#### Band-Pass Filters Available

D64BP	2-pole pair	1.00 Hz to 100.0 kHz
D68BP	4-pole pair	1.00 Hz to 100.0 kHz
D100	2-pole pair	100 Hz to 100.0 kHz

#### Band-Reject (Notch) Filters Available

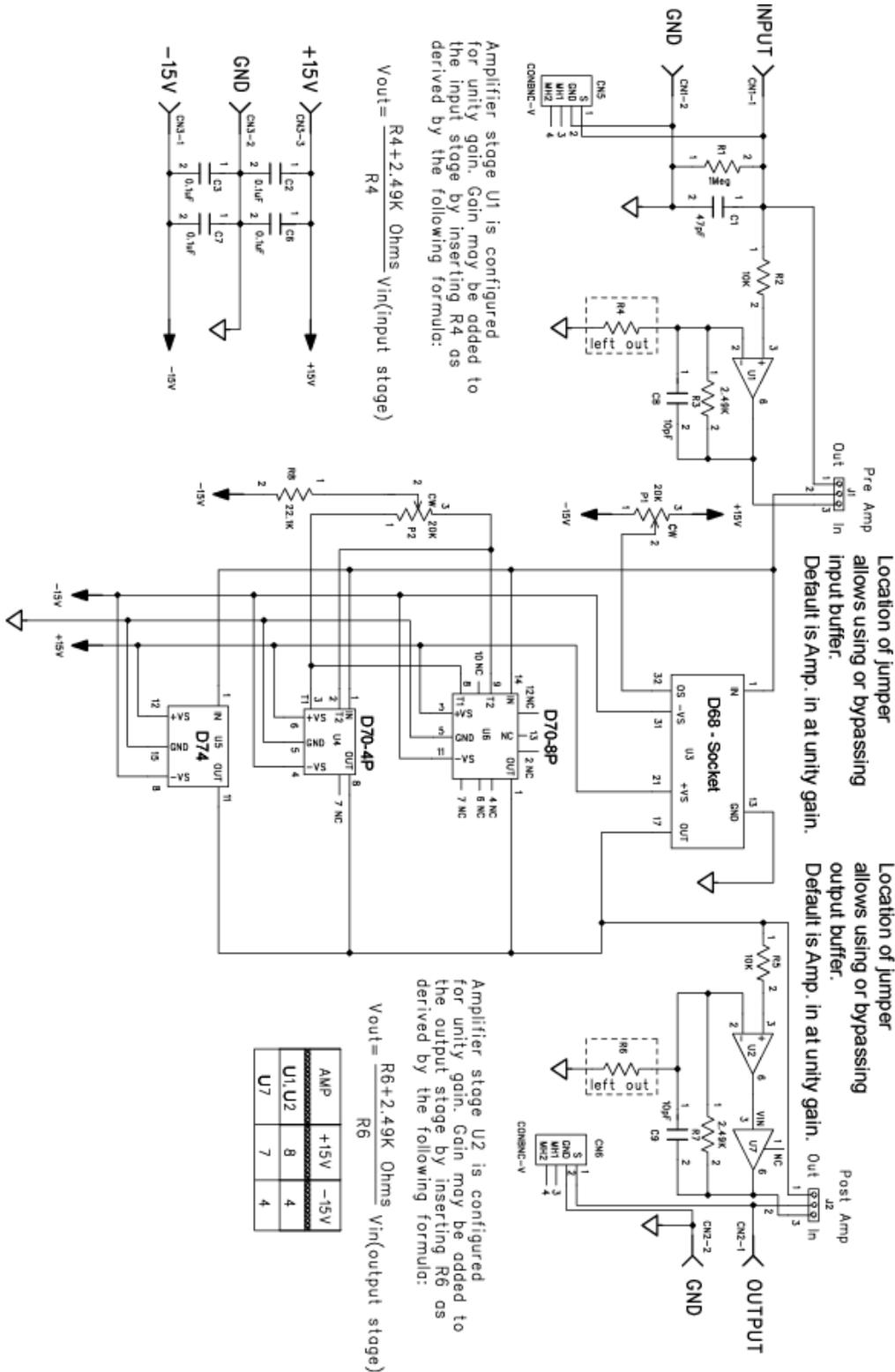
D68BR	4-pole pair	1.00 Hz to 100.0 kHz
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#### Special notes

- Provision for bypass of I/O buffers.
- Provision for gain adjustment of I/O buffers.
- Enhanced output current to drive cables.



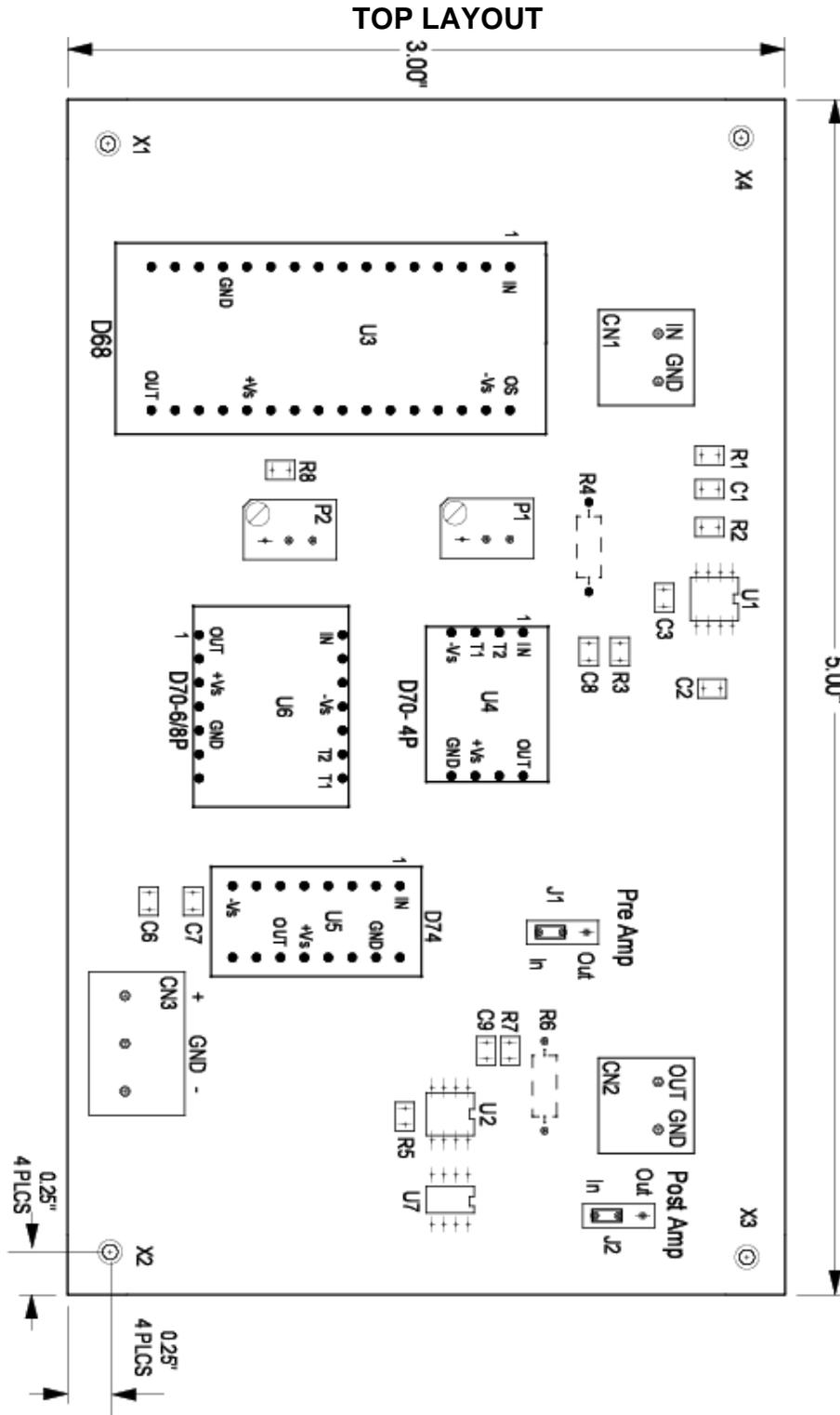
**SCHEMATIC**





For Fixed Frequency Filters

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