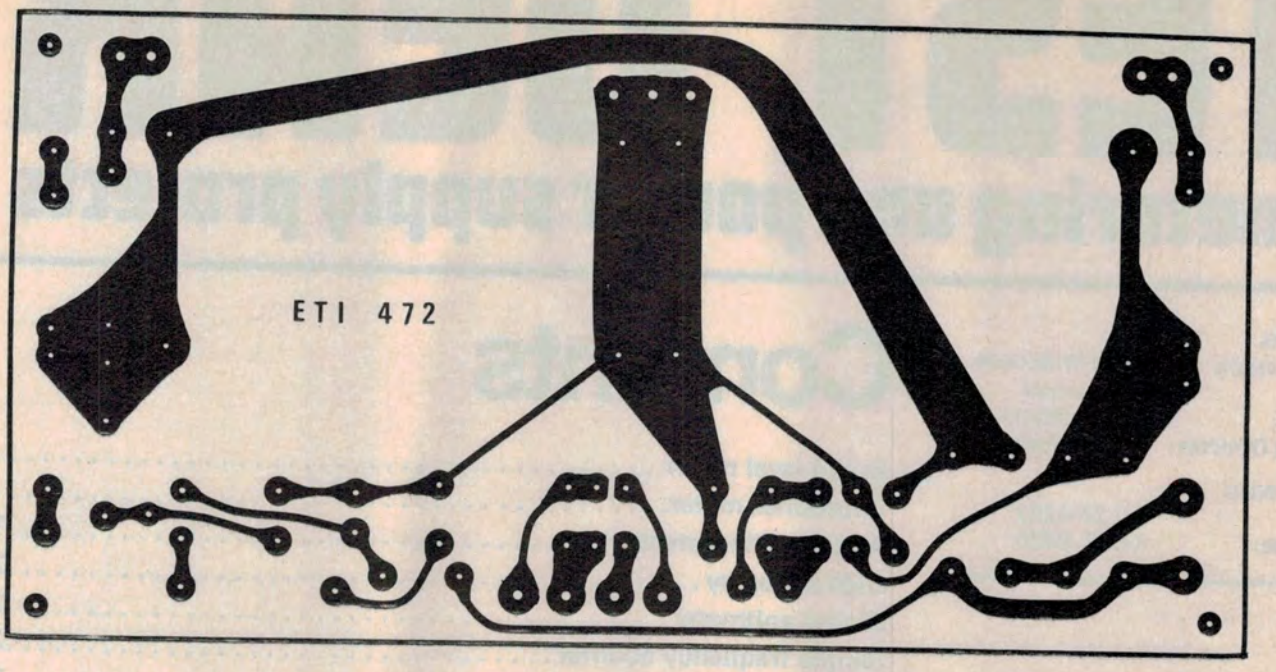
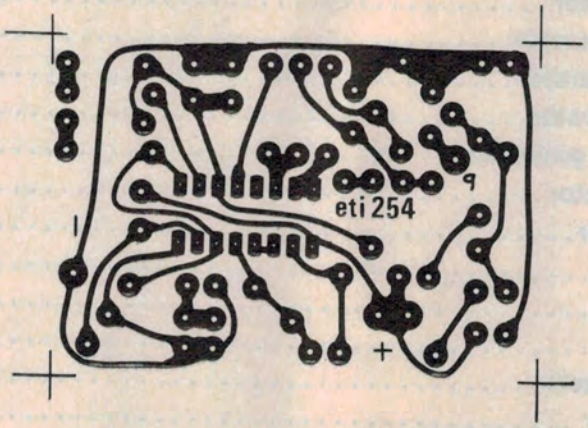
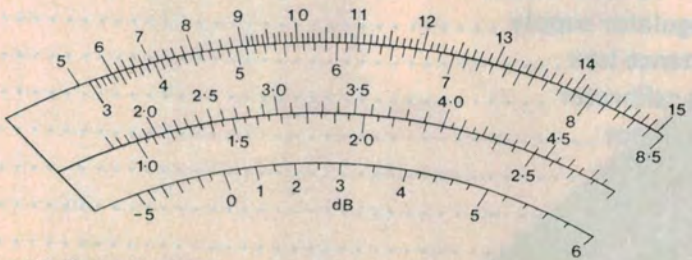




Apologies for the SNAFU last month when the reverse page to the PCBs page was not printed in blue. The Egg Timer and RMS Voltmeter boards, and the meter panel, are reproduced this month to assist. Unfortunately the ETI 471 preamp and the ETI 651 binary-hex converter pc boards are too large to reproduce.

EXPANDED SCALE RMS VOLTMETER



Note
Peak input voltage should not exceed 5 times F.S.D.

1mA F.S.D.

Using ETI PCB Artwork

This method can be used to make negatives of ETI artwork from October 1977 on, provided the reverse of the page is printed in blue. The film used is Scotchcal 8007 which is UV sensitive and can be used under normal subdued light.

Cut a piece of film a little larger than the PC board and expose it to UV light through the magazine page. The non emulsion side should be in contact with the page. This surface can be detected by picking the film up by one corner - it will curl towards the emulsion side. Exposures of about 20 minutes are normally necessary.

The film can now be developed by placing it emulsion side up on a table, pouring some Scotchcal 8500 developer on the surface and rubbing it with a clean tissue.

Further information on Scotchcal and PCB manufacture can be found in the September and December 1977 issues of ETI. Please note also, that occasionally pressure on space may unfortunately prohibit the printing of blue type behind all PCB's, in which case the reader must resort to more conventional photographic techniques for PCB manufacture.