Appendix B

Printed Circuit Layouts

This appendix section has the printed circuit board artwork patterns for the 6.270 Rev. 2.21 boards:

- the Microprocessor Board
- the Expansion Board
- the Battery Charger Board
- the Motor Switch Board
- the Infrared Beacon Board

The board artworks are provided to facilitate debugging; they are not intended to serve as master artworks for fabricating new printed circuit boards. The layouts are reproduced at actual size given the limits of Laserwriter reproduction technology.

B.1 Microprocessor Board

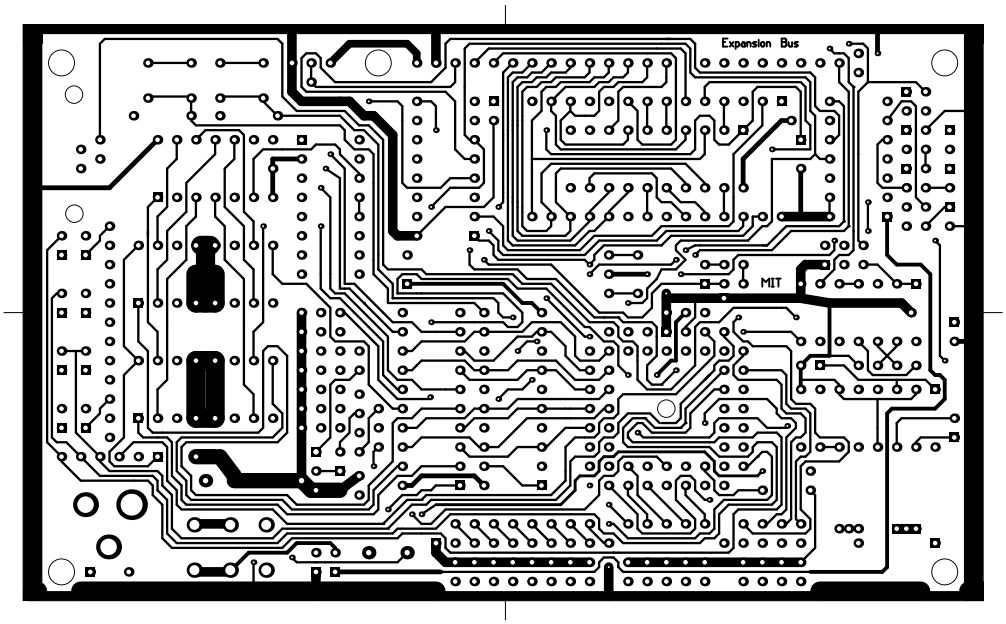

Figure B.1: Microprocessor Board, Component Side

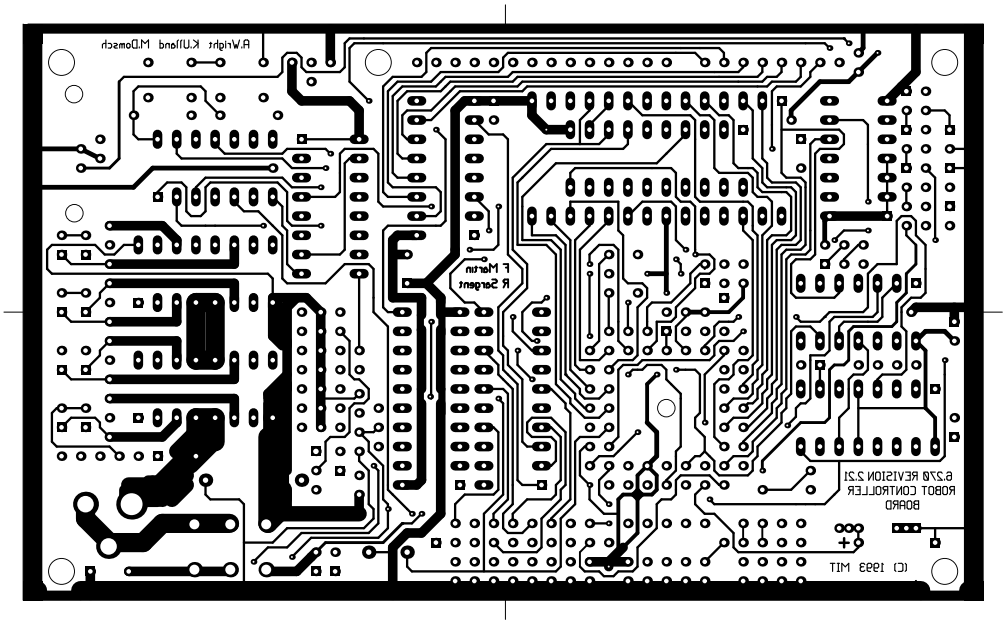

Figure B.2: Microprocessor Board, Solder Side

B.2 Expansion Board

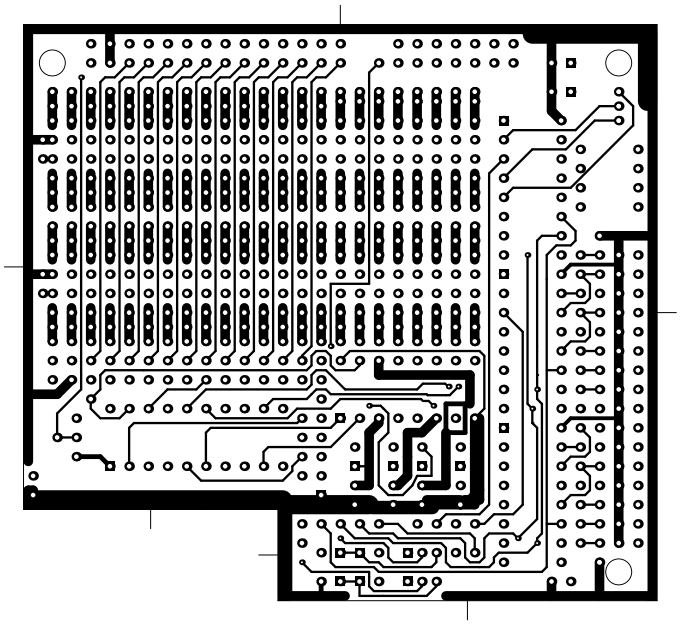

Figure B.3: Expansion Board, Component Side

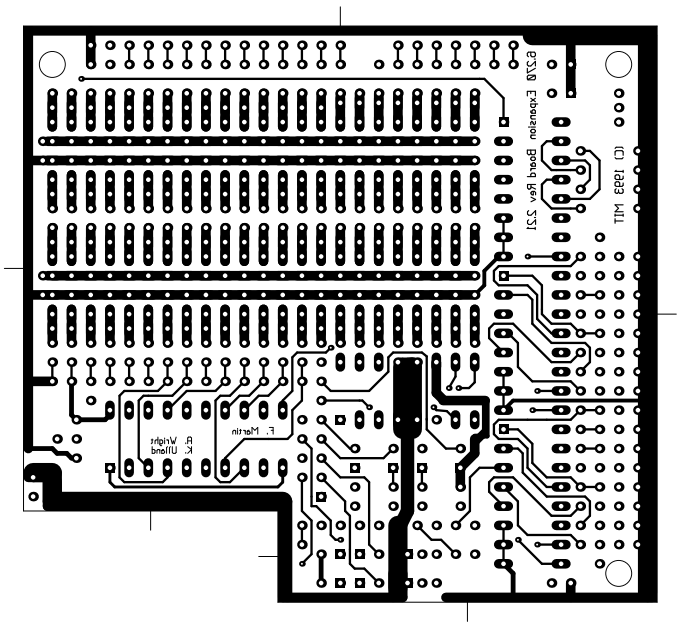

Figure B.4: Expansion Board, Solder Side

B.3 Battery Charger Board

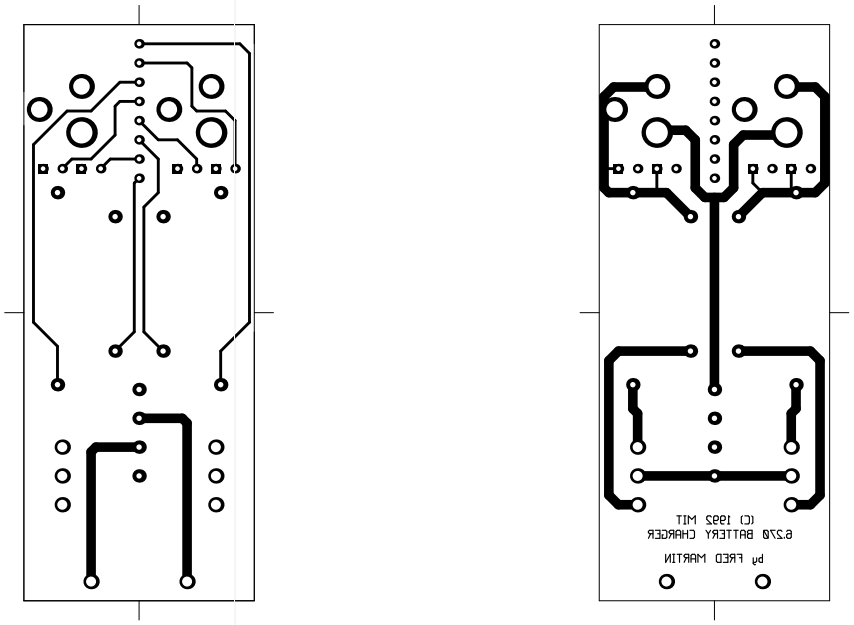

Figure B.5: Battery Charger Board, Component and Solder Sides

B.4 Motor Switch Board

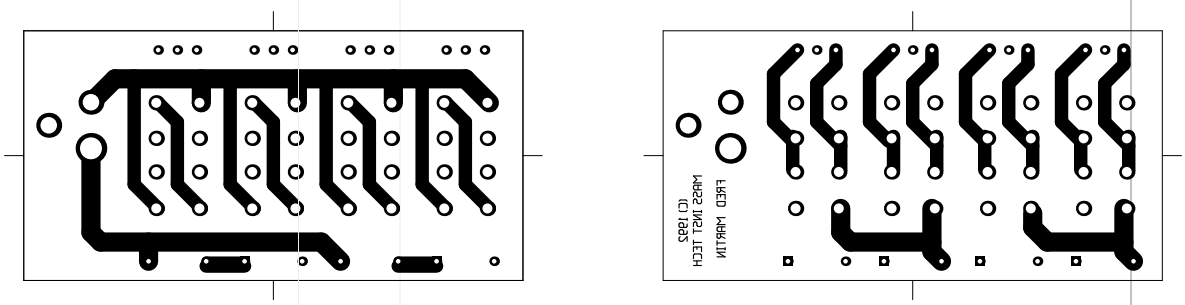

Figure B.6: Motor Switch Board, Component and Solder Sides

B.5 Infrared Beacon Board

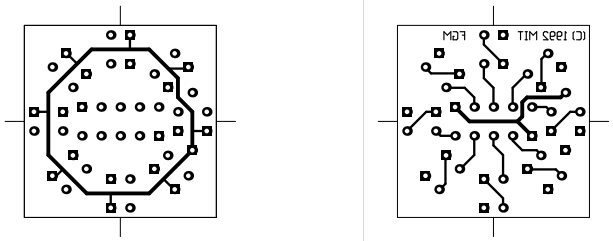

Figure B.7: Infrared Beacon Board, Component and Solder Sides