

## GALAXIAN PROGGER BOARD MODIFICATION

1. Fit 2114 Ram on top of 7P and 7N leaving pins 8 disconnected.
2. Fit 74139 on top of 8L connecting pin 16 to +5v and pin 8 to Ov leaving other pins disconnected.
3. Connect 74139 pin 1 to ground  
pin 2 to 7D (367) pin 13  
pin 3 to 2N (08) pin 6  
pin 4 to pin 10 on lower 7N (2114)  
pin 5 to pins 10 on upper 7N and 7P
4. Disconnect track from 2N (08) pin 6 (topside of board).
5. Remove capacitor C25 (adjacent to 8P (138) ).
6. Replace R43 (between 7S (555) and 8S (555) with 56K.
7. Disconnect pin 15 of 2E (366).
8. Replaced colour prgm location 6L with new colour prom.

Pin 8 Not 10

### SECURITY LINK

If game is upright then pin R on edge connector must be linked to Ov. <sup>9R</sup> Pin 4

If game is cocktail then pin 14 on edge connector must be linked to Ov. <sup>9K</sup> Pin 6

Additional Colour proms may be obtained from Silicon Express.