

## 64K "D" BOARD UPGRADE

1. Remove capacitors C61, C31, C64, C35, C67, C45, C70 and C48.
2. Move the jumper plug at the right of U10 to the 16K position and remove the jumper plug between U8 and U4.
3. Make the following cuts:
  - +5V to pin 9 of the rams.
  - +12V to pin 8 of the rams.
  - 5V to pin 1 of the rams.
4. Add the following jumpers:
  - +5V to the rams pin 1.
  - +5V to the rams pin 8.
  - U10 pin 35 to pin 9 of the rams.
  - U4 pin 12 to U8 pin 16.
5. Bend the following pins up in the air:
  - U29 pin 4, 5, 6.
  - U11 pin 5.
6. Connect pin 6 of U29 to pin 8 of U29.
7. Connect pin 4 of U29 to pin 5 of U11.
8. Connect pin 5 of U29 to TP1.
9. Install 64K chips in U20-U27.
10. Steps 5,6,7 and 8 can be omitted if only 32K is desired.

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## 64K "E" BOARD UPGRADE

1. Remove capacitors C61, C31, C64, C35, C67, C45, C70, and C48.
2. Set the jumper between U8 and U4 to 32K position.
3. Set the jumper located between C44 to the 16/32K position.
4. Set each of the three jumper plugs located above the keyboard connector to the 32K position.
5. Solder the two staking pins next to U29 together in the "low" position
6. Solder the two staking pins to the left of C44 together.
7. Bend the following pins up in the air:
  - U29 pins 4, 5, and 6.
  - U11 pin 5.
8. Connect U29 pin 6 to U29 pin 8.
9. Connect U29 pin 4 to U11 pin 5.
10. Connect U29 pin 5 to TP1.
11. Install 64K chips in U20-U27.
12. Steps 7,8,9, and 10 can be omitted if only 32K is desired.

#### 64K "F" BOARD UPGRADE

1. Remove capacitors C58, C60, C62, C64, C66, C68, C70, and C72.
2. Set the jumper to the left of R69 to the 64K position.
3. Set the two jumpers to the left of U21 to the 64K position.
4. Jumper the two staking pins above R42 to 64K.
5. Install 64K chips in U21-U28.

#### COLOR COMPUTER 2 UPGRADE 26-3127

1. Remove the 6 screws from the bottom of the computer--one of them will be under the warranty sticker.
2. Turn the computer over and remove the top.
3. Carefully unplug the ribbon cable connecting the keyboard to the motherboard. Move the keyboard out of your way.
4. Remove the 16k chips (U14-U21) and install 64K chips.
5. To the left of U7 there are two solder points labeled W1. Solder these two points together.
6. Put your computer back together. You now have 64K.

For Catalog #26-3136 follow steps 1 thru 4 and proceed with the following:

7. Install 64K ram and solder jumper J1.