

Upgrading Sprint Expert to use C/99 software

Program a new 93C46 eeprom (it is easier to use a DIL version) with the C/99 code as shown below, turn off programmer, and remove module.

Cut off top of module with a sharp knife, carefully scrape out the filler to expose all the pins of the eeprom and replace module in programmer board to check that it still works correctly. Remove the original SOIC eeprom from the module by carefully cutting its legs, and then attach six thin wires to the pads 2 – 7. (Pins 1 and 8 are unused). Connect these wires to the pins of either a similar SOIC ic or preferably, a 8 – pin DIL socket. Refer to manufacturer's data sheet for details of the different pin connections.

Original eeprom is 8-pin SOIC (Rotated version) type 93C46. (Catalyst 93C46J or equivalent) Any standard 5volt DIL 93C46 should work ok.

C/99 93C46 EEPROM Code (corrected)

00	42 D0 00 B2 88 9D 00 00	C0 00 8B 88 00 00 00 00
10	00 00 42 D0 00 B2 80 00	00 00 80 00 E0 00 00 00
20	00 00 E0 B2 00 00 00 00	00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00	00 00 00 00 00 00 5F 80

Original C/96 93C46 EEPROM Code

00	3C C4 40 86 4A ED 00 00	C0 00 70 3C 86 ED 18 00
10	00 00 00 00 00 00 80 00	00 00 80 00 E0 00 00 00
20	00 00 C3 8C 83 00 2D 00	00 00 00 00 00 00 00 00
30	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
40	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
50	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
60	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
70	00 00 00 00 00 00 00 00	00 00 00 00 00 00 1C 56