Switch settings for Rally-X.
I have a clone board which has 2 boards connected by 2 IDC cables.
My board has two sets of DIP switches, an 8 way at 11E on the
video/sound board, and 4 way on the CPU board.

The following is presented as is etc. no responsibility accepted or
taken if it fries you, your board, your cat, etc...

From my maintenance manual...

```
Position                        Option
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 8   7   6   5   4   3   2   1
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                        off off    *1 coin for 1 play
                        off  on     1 coin for 2 plays
                         on off     2 coins for 1 play
                         on  on     Free play

        off off off off            3 cars, rank C, bonus @ 60000
        off off off  on            2 cars, rank B, bonus @ 40000
        off off  on off            1 cars, rank C, bonus @ 30000
        off off  on  on            3 cars, rank A, bonus @ 60000
        off  on off off            2 cars, rank C, bonus @ 40000
        off  on off  on            1 cars, rank B, bonus @ 30000
        off  on  on off            3 cars, rank B, bonus @ 60000
        off  on  on  on            2 cars, rank A, bonus @ 40000
         on off off off            3 cars, rank C, bonus @ 20000
         on off off  on            2 cars, rank B, bonus @ 15000
         on off  on off            1 cars, rank C, bonus @ 10000
         on off  on  on           *3 cars, rank A, bonus @ 20000
         on  on off off            2 cars, rank C, bonus @ 15000
         on  on off  on            1 cars, rank B, bonus @ 10000
         on  on  on off            3 cars, rank B, bonus @ 20000
         on  on  on  on            2 cars, rank A, bonus @ 15000

off                             MAINTENANCE USE ONLY
```

* indicates default setting

'Switch 8 is for maintenance use only and should normally be in OFF
position. This halts the microprocessor. If it is inadvertently
placed in the ON position, a multicoloured pattern appears on the
screen on power up.'

I've no idea what switch 7 does.

The manual also advises:
'Toggle switches are also found at position 4A on the CPU board.
These

are for maintenance only and should not be touched.'

Looking at the circuit diagram, we see that:

Switch1: No connection

Switch2: on: pin 21 of ROMS tied to A12 line.
         Off: pin 21 of ROMS isolated

Switch3: on: 'A' input of '139 ROM decoder tied to A12 line.
         Off: 'A' input of '139 ROM decoder tied high.

Switch4: on: pin 21 of ROMS tied to +5V
         Off: pin 21 isolated

My guess is that they select 2716 or 2732 ROMS.

2716: switch 3,4 on, switch 2 off
2732: switch 3,4 off, switch 2 on

I have 2716's on my board, and mine are set as shown.

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