



# CS 222

ALL VOLTAGE ARE +5 Vcc UNLESS SPECIFIED  
ALL RESISTORS ARE 1/4 Watt 5%

42-43-44 1-2-3  
86-87-88 45-46-47

- 1 GND
- 2 GND
- 3 GND
- 4 RUNNING CARRIAGEWAY OF JAMMING CAR 1
- 5 RUNNING CARRIAGEWAY OF JAMMING CAR 2
- 6 RUNNING CARRIAGEWAY OF JAMMING CAR 3
- 7 RUNNING CARRIAGEWAY OF JAMMING CAR 3
- 8 n.c.
- 9 +12 Vcc
- 10 JAMMING CAR 3 MOVE
- 11 CAR 2 STEERING WHEEL POT CURSOR
- 12 EXTENDED PLAY 1
- 13 S.O.A.
- 14 RIGHT WIRE OF ACCELERATOR 2 POT
- 15 JAMMING CAR 1 MOVE
- 16 n.c.
- 17 JAMMING CAR 2 SPEED
- 18 RIGHT WIRE OF STEERING WHEEL 2 POT
- 19 n.c.
- 20 CAR 1 SPEED CHANGE SWITCH
- 21 LEFT WIRE OF ACCELERATOR 1 POT
- 22 JAMMING CAR 1-3 COLOUR DECODE
- 23 CAR 1 DRIVE DISABLING
- 24 POT CURSOR OF ACCELERATOR PLAYER 1
- 25 CAR 2 EXPLOSION TIME
- 26 DOWN-RMS STARTERMAN
- 27 STARTMAN
- 28 JAMMING CAR STOP (ALL -ARS)
- 29 RED POLES
- 30 AVIZED MESSAGES
- 31 TV. SYNC.
- 32 WHITE POLES
- 33 n.c.
- 34 CAR 2 DRIVE ENABLE
- 35 ROAD SIGNAL OUTPUT
- 36 LEFT WIRE OF STEERING WHEEL 1 POT
- 37 RECTILINEAR
- 38 RUNNING CARRIAGEWAY OF JAMMING CAR 2
- 39 REQ.
- 40 GREEN
- 41 CHANGE COLOUR OF MESSAGES AFTER EXT. PLAY
- 42 +5 Vcc
- 43 +5 Vcc
- 44 +5 Vcc
- 45 GND
- 46 GND
- 47 GND
- 48 n.c.
- 49 RUNNING CARRIAGEWAY OF JAMMING CAR 3
- 50 RUNNING CARRIAGEWAY OF JAMMING CAR 3
- 51 n.c.
- 52 CAR POSITIONING INITIAL TIME
- 53 -12 Vcc
- 54 S.V.A.
- 55 POT CURSOR OF ACCELERATOR PLAYER 2
- 56 CAR 2 DRIVE DISABLING
- 57 SPEED CHANGE CAR 2
- 58 CAR 2 SPEED CHANGE SWITCH
- 59 CUP APPARTITION TIME
- 60 RIGHT WIRE OF ACCELERATOR 2 POT
- 61 ROAD MOVE
- 62 n.c.
- 63 G-ON
- 64 LEFT WIRE OF STEERING WHEEL 2 POT
- 65 CAR 2 ON OIL
- 66 JAMMING CAR 3 CARRIAGEWAY CHANGE
- 67 LEFT WIRE OF ACCELERATOR 2 POT
- 68 CAR 1 ON OIL
- 69 CAR 1 EXPLOSION TIME
- 70 OIL MARK
- 71 VI
- 72 STOP ROAD COUNTER PLAYER 1
- 73 SPEED CHANGE CAR 1
- 74 CAR 1 STEERING WHEEL POT CURSOR
- 75 CUP APPARTITION TIME
- 76 YELLOW LINES
- 77 RECTILINEAR
- 78 V256
- 79 n.c.
- 80 RIGHT WIRE OF STEERING WHEEL 1 POT
- 81 STOP ROAD COUNTER PLAYER 2
- 82 JAMMING CAR 2 CARRIAGEWAY CHANGE
- 83 TV. SYNC.
- 84 BLUE
- 85 CHANGE COLOUR OF MESSAGES AFTER EXT. PLAY
- 86 +5 Vcc
- 87 +5 Vcc
- 88 +5 Vcc

- TTL IC  
SN 7400 C1 G1 H2 J2 C4 E5  
A7 G7 H11 D12  
SN 7402 G2 D8 C9  
SN 7403 E4  
SN 7404 D1 H1 F2 E6 J7 F8  
D10 D11 G12  
SN 7405 D4  
SN 7407 H10  
SN 7408 B1  
SN 7410 E1 D5 A8 F10  
SN 7411 H12  
SN 7420 HP  
SN 7473 R2 F4 E8 J9 B10 A11  
SN 7474 H4 B4 B9  
SN 7486 E2 F3 J8 E10  
SN 74123 F5 D6  
SN 74125 C10  
SN 74132 F9 A10  
SN 74148 G11 J12  
SN 74151 A12  
SN 74153 A3 J3 G8 E12  
SN 74161 D2 E3 H8 D10  
SN 74221 E7 F7 D9  
SN 74393 F1 D3 G4 H9 E11 B12  
LM 324 J1  
LM 339 A2 A5 J5  
NE 556 C12  
4016 B5 C5 G5 H5  
6301 (MR33) B3 H3  
6301 (MR34) C3 G3  
6301 (MR35) G9  
6301 (MR36) F11  
6301 (MR37) F12  
6301 (MR38) J11
- TRANSISTOR  
T1 BC 209B (NPN)  
T2 BC 309B (PNP)
- DIODE  
D BA222 (SIGNAL DIODE)

MODEL	SUPER ROAD CHAMPION	SERIES N.	
CHECKED BY	4	VARIATION	
DRAWN BY		DATE	