

**PULSAR** ASCAN(8)/(X)/(XP)/(7) MOTOR DRIVERS \ASCAN\IS5 PFM/PJN 01-02-98 PG 5 OF 8 LEVER TYPE TERMINAL BLOCK TO BI-POLAR STEPPER MOTOR MOTA-H ASCAN(7) II ASCAN(7) II ASCAN(8) ONLY ASCAN(X) ONLY ASCAN(XP) ! WR1 ,C18A-G/H;;+ C18A, C, E, Gi .C32A-D 11 □ 100U 350 35V IC3A-H 3771 1 MA1 MA2 22 4093 2 E1 E2 21 ΟV 3 VMM VMM l20 ۷+ ₹R19A-H 1R2F ≷R18A-H 1R2F 4 MB1 MB2 19 ASCAN(7) II ASCAN(8) i 5 GND GND 18 ONLY ASCAN(X) IC2-B **≷**R20A-H ASCAN(XP) 4093 ≷R17A-H 1K 6 GND GND 17 . C19A, C, G 11. C19A, C, E, G' 7 SGN1 SGN2 16 0. 1U .C15A-H -220P C16A-H O. 1U 10 WR3 8 CD1 CD2 15 220P 9 VR1 VR2 14 +5V\_ ICS-C 35KHZ 10 K1 K2 13 4093 11 VCC С 12 ASCAN(XP) 11 WR4 ONLY WR8-5 ₩<del>R3-4</del> = = = = ICS-D 4093 ₹21A-H C17A-H ASCAN(7) 5N5 ONLY 272 1 VREF RSET 22 WR7-5 WR1-4 ٥V 2 DA1 DA2 21 3 SGN1 SGN2 20 I ASCAN(8) I 4 CD1 CD2 19 +5V\_ ASCAN(X) ONLY WR8-5 οV +5V 57 5 VDD VSS 18 WR8-5 БWR WR1-4 CS 17 ΟV 7 07 A1 16 A1\_\_ O. 85MS 8 | D6 AO 15 AΩ WR1-4 9 05 DO 14 - 57 IC4A-H D1 13 10 D4 3960 ΟV 11 D3 D2 12 O. 85MS D7 D7 D6\_ D6 D<u>5</u> D5 SH D4 

THIS CIRCUIT REPEATS 1-7/8 TIMES FOR MOTORS A-G/H IN ASCAN(7)/(8)/(X)
THIS CIRCUIT REPEATS 1-6 TIMES FOR MOTORS C-H IN ASCAN(XP)

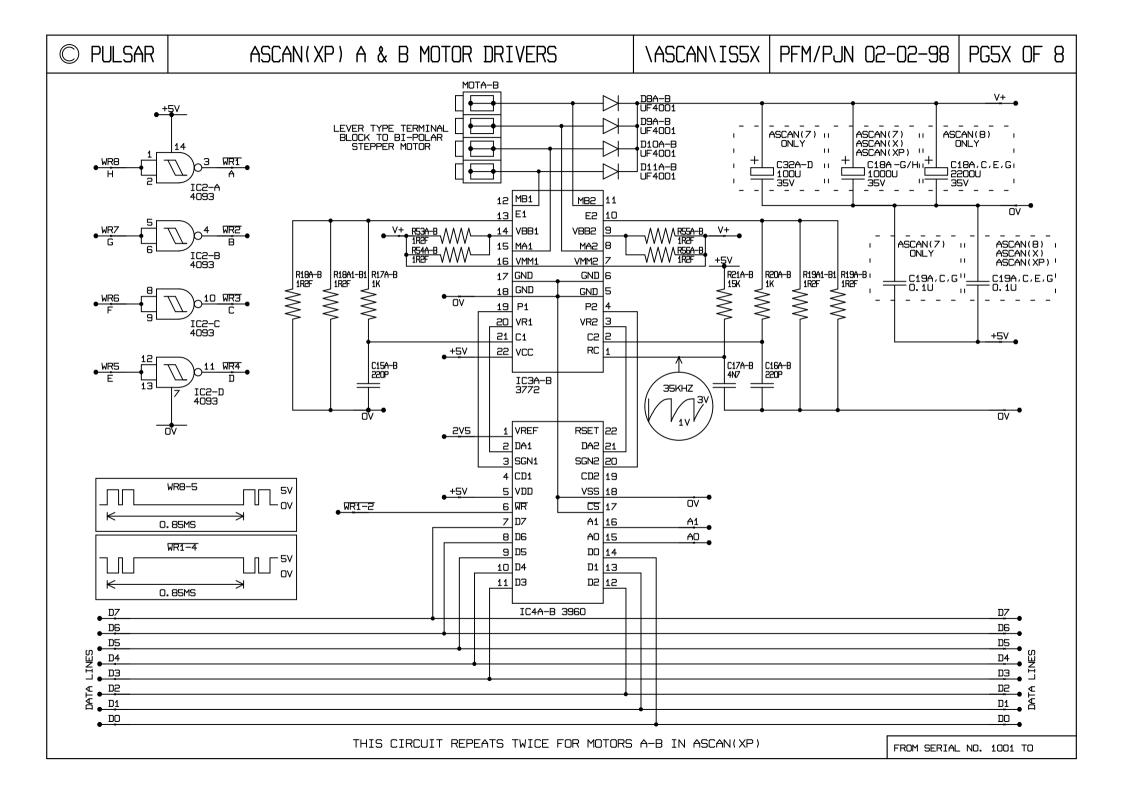
₩ D2

DO

FROM SERIAL NO. 1001 TO

D2 D1

DO



## ASCAN(XP)

Products	Period of usage	Solder pads configuration	Latest software version	Notes	Code
Stage Light 300	from the beginning to now	0000	MB ASCAN 6.2 – 20/01/03		699110
Stage Color 300	from the beginning to now	0660	MB ASCAN 6.2 – 20/01/03		699117
Stage Color 575	from the beginning to now	4600	MB ASCAN 6.2 – 20/01/03		699104
Stage Color 1000	from the beginning to now	4000	MB ASCAN 6.2 – 20/01/03		699111
Stage Color 1200	from the beginning to now	4600	MB ASCAN 6.2 – 20/01/03		699103
Stage Zoom 1200	from the beginning to now	0000	MB ASCAN 6.2 – 20/01/03		699103
Stage Color 1200 SV	from the beginning to now	4600	MB ASCAN 6.2 – 20/01/03		699104
Stage Zoom 1200 SV	from the beginning to now	0600	MB <b>2</b> ASCAN 6.2 - 11/03/03		699102
Stage Profile 1200 SV	from the beginning to now	4600	MB <b>2</b> ASCAN 6.2 - 11/03/03		699102
Golden Spot 1200	from the beginning to now	460	MB ASCAN 6.2 – 20/01/03	2 drivers only	699121
Golden Color 1200	from the beginning to now	4000	MB ASCAN 6.2 – 20/01/03		699120
CP Color MH	from the beginning to now	0600	MB ASCAN 6.2 – 20/01/03	6 drivers only	699124