TEACH PENDANT

+5Vdc

REMB_STEP — SW8

+5Vdc

MOT1_UP — SW2   MOT2_UP — SW3   MOT3_UP — SW4

R7 330E

R1 330E   R2 330E   R3 330E

0   0   0   0

REMB_STEP

MOT1_UP   MOT2_UP   MOT3_UP

+5Vdc

LEARN / REPEAT

LEARN / REPEAT

SW9

LED1   LED/D3

R8 330E

+5Vdc

MOT1_DOWN — SW7   MOT2_DOWN — SW6   MOT3_DOWN — SW5

R6 330E   R5 330E   R4 330E

0   0   0

MOT1_DOWN   MOT2_DOWN   MOT3_DOWN

MOT1_UP
MOT1_DOWN
MOT2_UP
MOT2_DOWN
MOT3_UP
MOT3_DOWN
LEARN/REPEAT
REMB_STEP
+5Vdc

1 2 3 4 5 6 7 8 9 10 — TO PORTA

0   FRC/10P/M

SERVO MOTOR CONTROL BOARD

+12Vdc

U1 — IN GND OUT — LM7805/TO220/V

C1 — B/0.1uF/25V

C2 — E/0.33uF/25V

+5VdcH

0   0   0

+12Vdc

CN6
1
2
UNIX/5083/2P

0

U2 — SM/74LS07B/SO-14

MOTIN1 — 1 IN1 VCC 14 — +5Vdc
MOT1 — 2 OU1 IN6 13
MOTIN2 — 3 IN2 OU6 12
MOT2 — 4 OU2 IN5 11
MOTIN3 — 5 IN3 OU5 10
MOT3 — 6 OU3 IN4 9 — MOTIN4
7 GND OU4 8 — MOT4

0

MOT1   MOT2   MOT3   MOT4

+5VdcH

CN5
1
2
3
BRG/3P/V

CN2
1
2
3
BRG/3P/V

CN3
1
2
3
BRG/3P/V

CN4
1
2
3
BRG/3P/V

+5VdcH   +5VdcH   +5VdcH

0   0   0   0

MOTIN1
MOTIN2
MOTIN3
MOTIN4

1 2 3 4 5 6 7 8 9 10 — TO PORTD

+5Vdc

0   FRC/10P/M

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