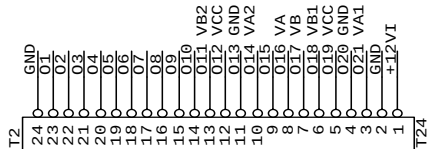
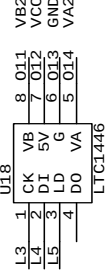
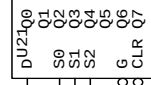
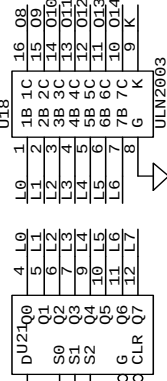
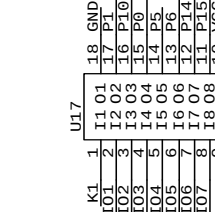
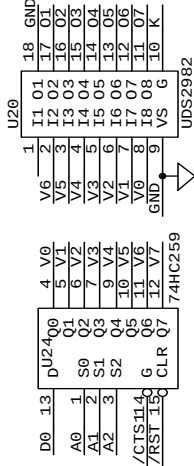
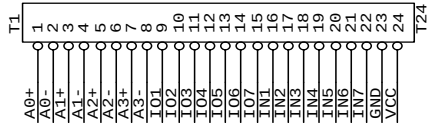
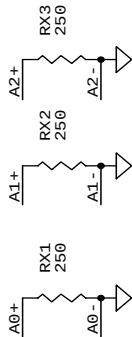
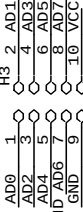


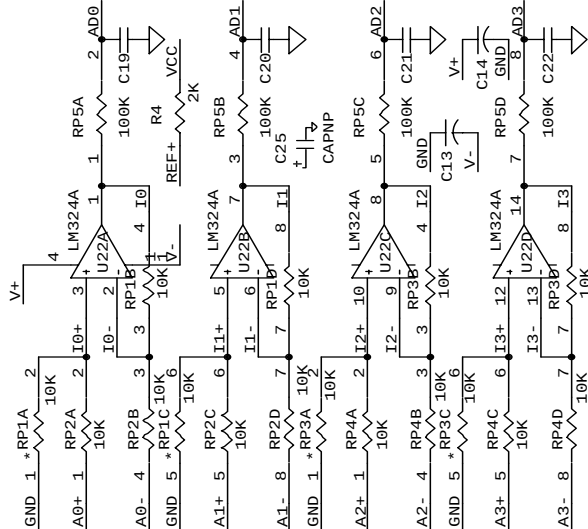
250 OHM LANDING RESISTORS FOR 4-20 MA INPUTS



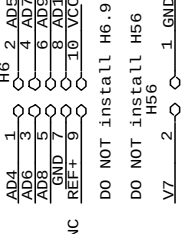
OPA analog out on H3
5X2 Cable connects OPA H3 to TD40 H6
FORCE H3,7=AD5=GND



THIS H3 IS ON OPA



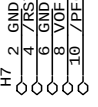
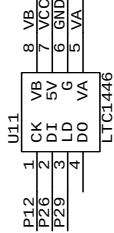
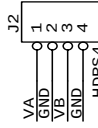
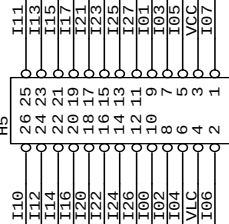
THIS H6 IS ON TD40



DO NOT install H6.9

DO NOT install H56

V7 2 1 GND



MODIFICATION ON TD40+OPS+OPA SYSTEM(6 0-10V DAC, 6 0-10V ADC, 3 4-20 MA)
* TD40 INSTALL LTC1446 REPLACING ULN2003 IN U18 AND U19
* TD40 INSTALL 250 OHM LANDING RESISTORS FOR 3 CH. 4-20 MA INPUTS
* 2 OPS MODIFIED FOR 6 CH. OF 0-4V IN AND 0-10V OUTPUTS
* OPA, NO ADC, RP1=100K, RP2=200K, R2=1K, R3=5K, 0-10V IN AND 5-0V OUT

Title		
TD40 MODIFICATION for 6 DAC outputs		
Size Document Number		REV
B	TD40-DAC.SCH	1
Date: September 30, 2003		Sheet 1 of 1