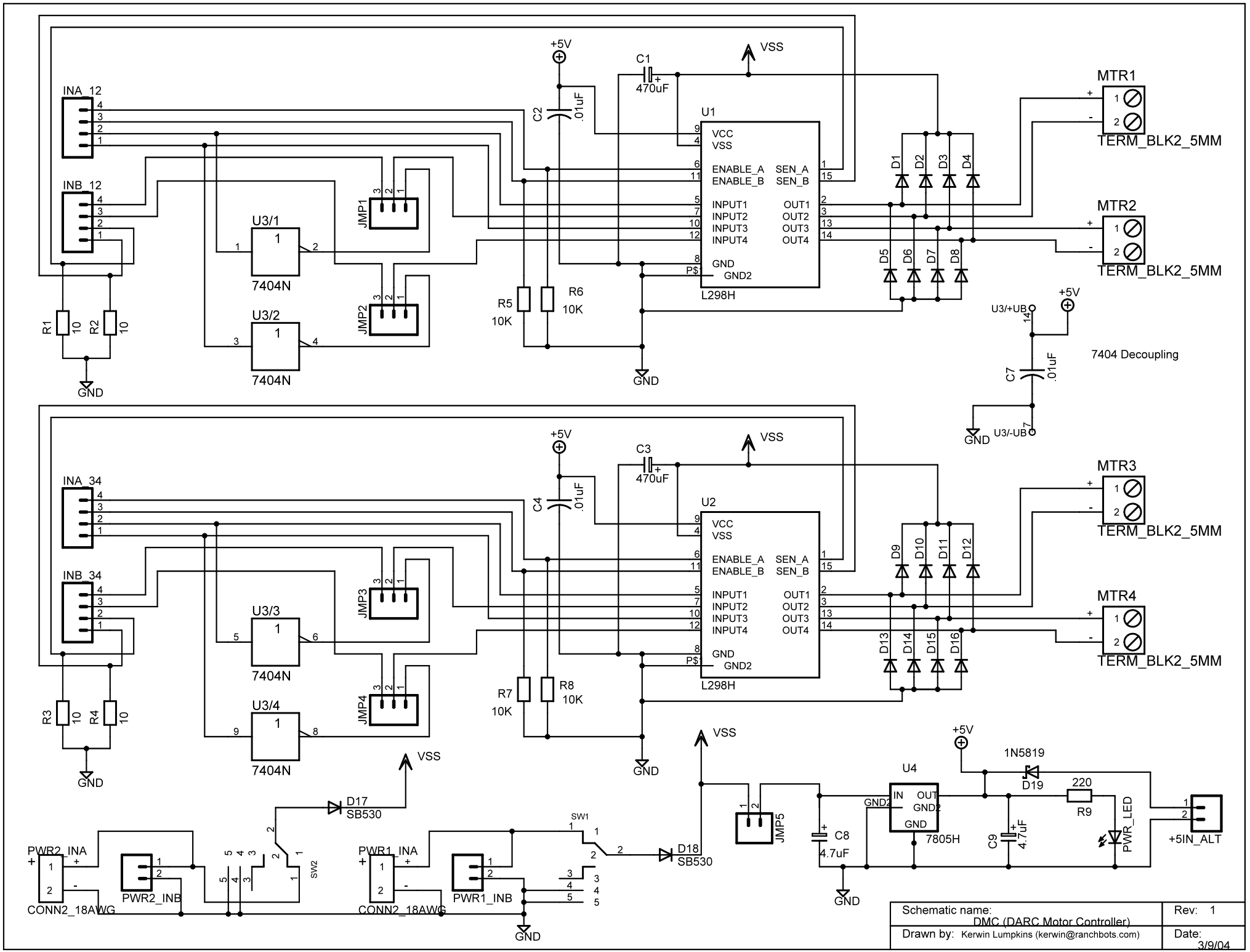
3/19/2004 06:28:14p C:/Documents and Settings/Kerwin Lumpkins/My Documents/robotics/EAGLE_files/dc_mtr_controller/mtr_ctrl_bd1p
INA_12
INB_12
INA_34
INB_34
U3/1
U3/2
U3/3
U3/4
7404N
JMP1
JMP2
JMP3
JMP4
R1 10
R2 10
R3 10
R4 10
R5 10K
R6 10K
R7 10K
R8 10K
C1 470uF
C2 .01uF
C3 470uF
C4 .01uF
+5V
VSS
GND
U1
U2
VCC
VSS
ENABLE_A
ENABLE_B
SEN_A
SEN_B
INPUT1
INPUT2
INPUT3
INPUT4
OUT1
OUT2
OUT3
OUT4
GND
GND2
L298H
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
D16
MTR1
MTR2
MTR3
MTR4
TERM_BLK2_5MM
U3/+UB
U3/-UB
C7 .01uF
7404 Decoupling
D17 SB530
D18 SB530
SW1
SW2
PWR2_INA
PWR2_INB
PWR1_INA
PWR1_INB
CONN2_18AWG
JMP5
U4
IN
OUT
7805H
C8 4.7uF
C9 4.7uF
1N5819
D19
220
R9
PWR_LED
+5IN_ALT
Schematic name: DMC (DARC Motor Controller)
Rev: 1
Drawn by: Kerwin Lumpkins (kerwin@ranchbots.com)
Date: 3/9/04