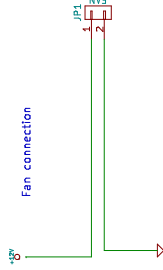


Temperature sensing



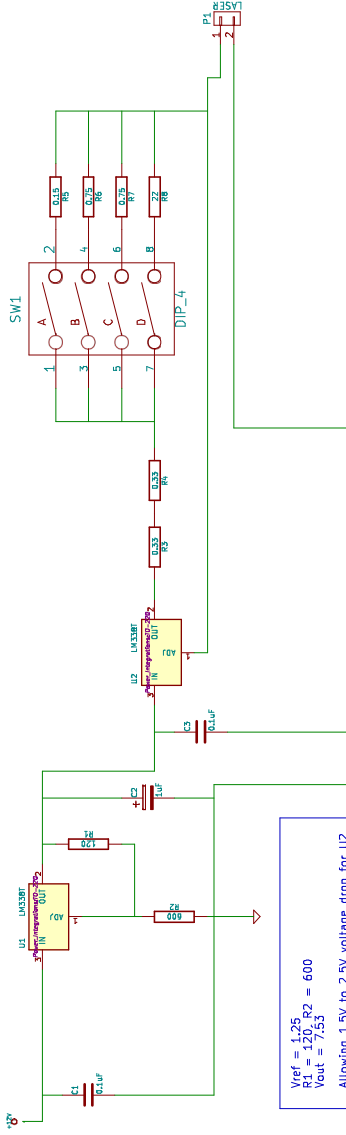
Fan connection



DIP switch settings  
0001 = A off, B off, C off, D ON

Setting	Resistance	Current
0000	0.66	1.875A
0001	22.66	0.05A
0010	0.89	0.89A
0011	1.38	1.38A
0100	1.416	0.882A
0101	2.646	0.472A
0110	1.168	1.539A
0111	2.168	1.153A
1000	0.817	1.53A
1001	0.816	1.532A
1010	0.792	1.575A
1011	0.774	1.615A
1100	0.962	1.298A
1101	0.962	1.298A
1110	0.832	1.708A
1111	0.832	1.708A

\* recommended maximum safe setting to avoid damage to diode laser



$V_{ref} = 1.25$   
 $R1 = 120$ ,  $R2 = 600$   
 $V_{out} = 7.53$   
 Allowing 1.5V to 2.5V voltage drop for U2, measure output at 4.5 - 5.5V across all current settings

Nichia NDB7875  
 See <http://laserswiki.com/index.php?title=NDB7875> for info and datasheet