

Doing the math for the LM2941 voltage regulator that's used to control fan speed, with the standard wiring as per Jim's design over the range of FAN1,FAN2 control bits, the output voltage varies according to:

FANx bits Vfan

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00----- 6v  
01----- 8v  
10-----10v  
11-----12v

But if we simply swap R105 with R112 we will get

00----- 5.3v  
01----- 7.3v  
10----- 10v  
11----- 12v

So the idle and low fan speeds drop but the medium and high stay the same as before.

