
Subject: A Question About the Alpha 8

Posted by [FredT](#) on Wed, 10 Jan 2007 12:55:30 GMT

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I'm wondering how near the TS parameters for this driver are to the advertised specs, which appear to have been changed within the past couple of years. Here's a comparison of the specs on the Parts Express 2005 catalog versus the 2006 catalog (I understand the change was actually made before 2005 but wasn't reflected in that catalog):

Parameter	-	Old/New
LE	-	.65mH/.44mH
Fs	-	76/73
SPL	-	97/94
Vas	-	0.5/0.6
Qms	-	4.5/4.6
Qes	-	.6/.68
Qts	-	.53/.59

I'm not suggesting that WinISD always yields the optimum solution, but when I enter these different parameters, for the old parameters the software suggests a ported 1.23 cu ft box tuned to 57.5hz. For the new parameters I get a 2.1 cu ft box tuned to 49.5 hz. The F3 for the old alignment is 51hz; for the new one its 44hz. Quite a difference.
