

Data sheet	
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TDA1543(A)/S6

T-51-09-16

Dual 16-bit low-cost economy DAC (relaxed version of TDA1543A)

GENERAL DESCRIPTION

The TDA1543(A)/S6 is a monolithic integrated dual 16-bit digital-to-analog converter (DAC) designed as a low-cost economy version for use in hi-fi digital audio equipment such as Compact Disc players, digital tape or cassette recorders, digital sound in television systems and digital amplifiers.

The S6 version is a relaxed version of the TDA1543(A). The differences in performance between the S6 selection and the standard version are limited to only three parameters:

QUICK REFERENCE VALUES STANDARD VERSION

SYMBOL	PARAMETER	CONDITIONS	MIN.	MAX.	UNIT
THD	total harmonic distortion	including noise at 0 dB	-	-70	dB
T _{amb}	operating ambient temperature range		-30	+85	°C
I _{bias}	bias current gain		1.9	2.1	

QUICK REFERENCE VALUES S6 VERSION

SYMBOL	PARAMETER	CONDITIONS	MIN.	MAX.	UNIT
THD	total harmonic distortion	including noise at 0 dB	-	-60	dB
T _{amb}	operating ambient temperature range		-20	+75	°C
I _{bias}	bias current gain		1.85	2.1	

The other characteristics of the S6 version can be found in the data sheets of the TDA1543 and the TDA1543A.