

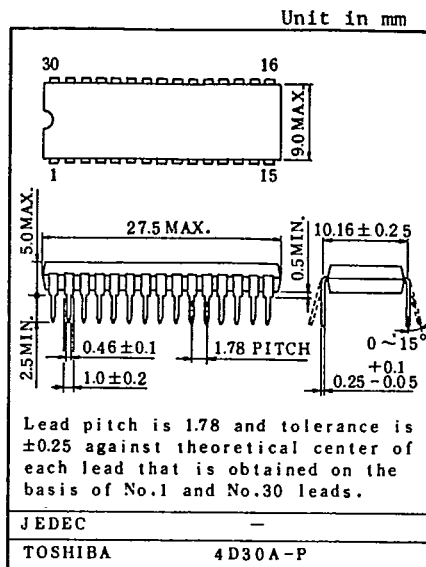
TD6720N

16-BITS Hi-Fi D/A CONVERTER

TD6720N is a dual-slope single-integral system 16-bits Hi-Fi D/A converter designed for use in PCM digital audio equipments.

- Corresponding with sampling frequency from 30kHz to 100kHz.
(Suitable for two times over sampling D/A system in CD player and DAT.)
- X'tal oscillation amp. is built in.
- X'tal 1/4-divided clock is output from SCK terminal.
- Both signals of right and left stereo channels are alternatively D/A-converted.
- Sample-hold circuit is built in to reduce external parts.
- Corresponding with 2's complement code.
- S/N : 90dB TYP.
- THD : 0.003% TYP.

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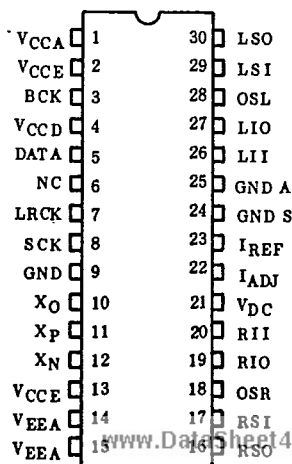


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MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Power Supply Voltage (+)	V_{CC}	0~5.5	V
Power Supply Voltage (-)	V_{EE}	0~-5.5	V
Power Dissipation	P_D	1500	mW
Operating Temperature	T_{opr}	-25~75	$^\circ\text{C}$
Storage Temperature	T_{stg}	-55~150	$^\circ\text{C}$

PIN CONNECTIONS



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BLOCK DIAGRAM

