

Part# XAVS-22005V Transient Voltage Suppressor (TVS) Diode

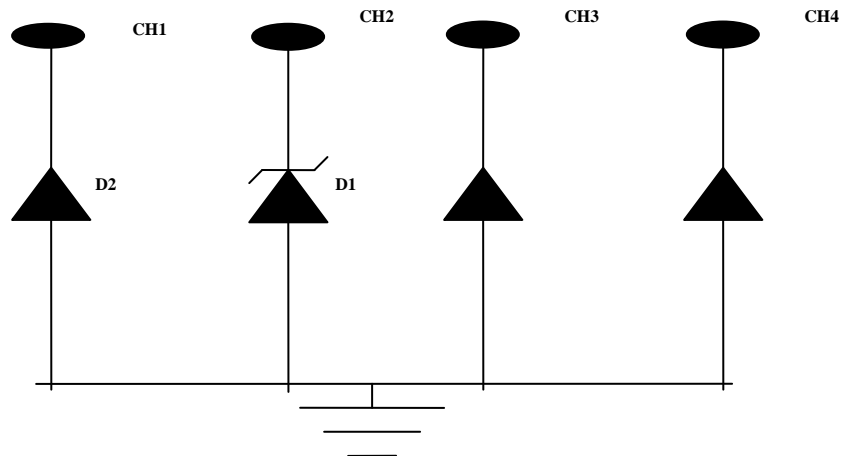
The XAVS-22005V series is designed to protect components from ESD events with excellent clamping capability, low leakage and very fast response time all in a small footprint with die size of 15.8X12.6 mils (450X370 microns).

Because of its small size, it can be used in cellular phones, MP3 players, and any other application that require extremely small die size.

Features:

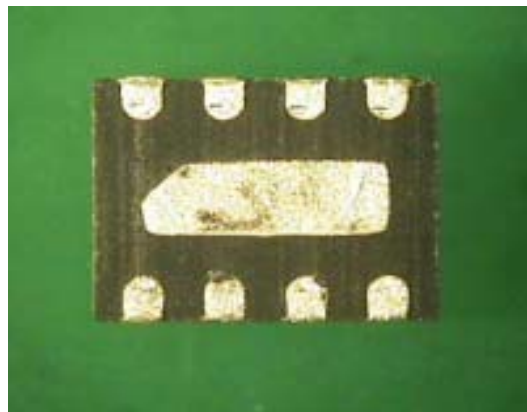
- Low clamping voltage.
- Low capacitance.
- 4 channels per die with a small foot print.
- Available as bare die or small body outline packages.
- Low leakage.
- Response time of <1nS.
- IEC61000-4-2 Level 4 ESD Protection.
- Lead Free in bumped or packaged formats.

Circuit Schematic:



Electrical Specs:

BiCMOS PART Number	V_{RWM} (V)	BV min. (V)	I_r max (uA)	Capcitance (pf)	Channels	ESD Level	Package
XAVS22005V	5	6	1.0uA	13	4	15KeV	SOT23-3, SC70-3, QDFN, SOT23- 5,SC70- 5,SC70-6 & die



8-CHANNEL QDFN PACKAGE

Packaged die

