

**33V HIGH PRECISE VOLTAGE REFERENCE****AZ574****Description**

The AZ574 is a monolithic integrated voltage stabilizer especially designed for TV tuners.

The AZ574 is available in TO-92-2 package.

Features

- Low Temperature Coefficient
- Low Dynamic Impedance
- Typical Reference Voltage of 33V
- High Cathode Current Capacity up to 30mA

Applications

- TV Tuners

Benefits

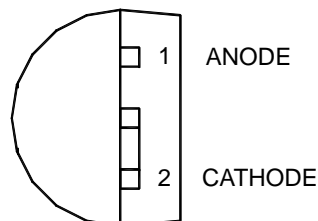
- Easier to Stabilize
- Ultra Low Temperature Coefficient
- Higher V_{REF} Accuracy
- Wider Operating Temperature Range
- Very Competitive Price

Parametric Table

| | |
|--|-----|
| V_{KA} (Typ) (V) | 33 |
| I_{KA} (Max) (mA) | 40 |
| I_{KA} (Min) (mA) | 1.5 |
| Dynamic Impedance (Typ) (Ω) | 5 |
| Cathode Voltage Temperature Drift (Typ) (mV/ $^{\circ}$ C) | 0.6 |
| Operating Temperature (Min) ($^{\circ}$ C) | -20 |
| Operating Temperature (Max) ($^{\circ}$ C) | 75 |

Additional Available Materials

- Samples
- Data Sheet
- Reliability Report
- ESD Report

Pin Configuration**TO-92-2**

**33V HIGH PRECISE VOLTAGE REFERENCE****AZ574****Ordering Information Example**

| Package | Temperature Range | Part Number | | Marking ID | | Packing Type |
|---------|-------------------|-------------|-------------|------------|-----------|--------------|
| | | Tin Lead | Lead Free | Tin Lead | Lead Free | |
| TO-92-2 | -20 to 75°C | AZ574Z | AZ574Z-E1 | AZ574Z | AZ574Z-E1 | Bulk |
| | | AZ574ZTR | AZ574ZTR-E1 | AZ574Z | AZ574Z-E1 | Ammo |

Detailed information please refer to the relevant datasheet.

Sales Office:**USA**

30920 Huntwood Ave. Hayward, CA 94544,

USA

Tel : +1-510-324-2988

Fax : +1-510-324-2788

Taiwan

4F, 298-1 Rui Guang Road, Nei-Hu District, Taipei,

Taiwan

Tel : 886-2-2656-2808

Fax : 886-2-2656-2806

Shanghai

8F, B Zone, 900 Yi Shan Road, Shanghai 200233,

China

Tel : 86-21-6495 9539

Fax : 86-21-6485 9673

Shenzhen

Room E, 5F, Noble Center, No.1006, 3rd Fuzhong Road, Futian District, Shenzhen 518026, China

Tel : 86-755-8826 7951

Fax : 86-755-8826 7865