

## 製品概要

### BZX84: 250 mW; Zener Diode Voltage Regulator

技術情報は、データシートをご参照ください。

This series of Zener diodes is offered in the convenient, surface mount plastic SOT-23 package. These devices are designed to provide voltage regulation with minimum space requirement. They are well suited for applications such as cellular phones, hand held portables, and high density PC boards.

#### 特長

- Zener Breakdown Voltage Range - 2.4 V to 75 V
  - 250 mW Rating on FR-4 or FR-5 Board
  - Package Designed for Optimal Automated Board Assembly
  - Small Package Size for High Density Applications
  - ESD Rating of Class 3 (>16 KV) per Human Body Model
  - Mechanical Characteristics:
  - CASE: Void-free, transfer-molded, thermosetting plastic case
  - FINISH: Corrosion resistant finish, easily solderable
  - MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
  - POLARITY: Cathode indicated by polarity band
- For more features, see the data sheet

#### アプリケーション

- Voltage Regulation
- Waveform Clipping
- MOSFET Gate Protection

#### 利点

- Wide Range of Zener Breakdown Voltages

#### 最終製品

- General Usage Device: Suitable for many different end products



製品	Pricing (\$/Unit)	Compliance	Status	V <sub>Z</sub> Typ (V)	P Max (W)	Package Type
BZX84B10LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	10	0.25	SOT-23-3
BZX84B12LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	12	0.25	SOT-23-3
BZX84B15LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	15	0.25	SOT-23-3
BZX84B16LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	16	0.25	SOT-23-3
BZX84B18LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	18	0.25	SOT-23-3
BZX84B22LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	22	0.25	SOT-23-3
BZX84B24LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	24	0.25	SOT-23-3
BZX84B27LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	27	0.25	SOT-23-3
BZX84B3V3LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	3.3	0.25	SOT-23-3
BZX84B4V7LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	4.7	0.25	SOT-23-3
BZX84B5V1LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	5.1	0.25	SOT-23-3
BZX84B5V6LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	5.6	0.25	SOT-23-3

BZX84B6V2LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	6.2	0.25	SOT-23-3
BZX84B6V8LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	6.8	0.25	SOT-23-3
BZX84B7V5LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	7.5	0.25	SOT-23-3
BZX84B8V2LT1G	0.0125	Pb-free Halide free non AEC-Q and PPAP	Active	8.2	0.25	SOT-23-3
BZX84B9V1LT1G	0.0187	Pb-free Halide free non AEC-Q and PPAP	Active	9.1	0.25	SOT-23-3
BZX84C10LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	10	0.25	SOT-23-3
BZX84C11LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	11	0.25	SOT-23-3
BZX84C12LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	12	0.25	SOT-23-3
BZX84C13LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	13	0.25	SOT-23-3
BZX84C13LT3G		Pb-free Halide free non AEC-Q and PPAP	ProductPreview	13	0.25	SOT-23-3
BZX84C15LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	15	0.25	SOT-23-3
BZX84C15LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	15	0.25	SOT-23-3
BZX84C16LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	16	0.25	SOT-23-3

BZX84C18LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	18	0.25	SOT-23-3
BZX84C18LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	18	0.25	SOT-23-3
BZX84C20LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	20	0.25	SOT-23-3
BZX84C22LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	22	0.25	SOT-23-3
BZX84C24LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	24	0.25	SOT-23-3
BZX84C27LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	27	0.25	SOT-23-3
BZX84C2V4LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	2.4	0.25	SOT-23-3
BZX84C2V7LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	2.7	0.25	SOT-23-3
BZX84C30LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	30	0.25	SOT-23-3
BZX84C33LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	33	0.25	SOT-23-3
BZX84C33LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	33	0.25	SOT-23-3
BZX84C36LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	36	0.25	SOT-23-3
BZX84C39LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	39	0.25	SOT-23-3

BZX84C3V0LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	3	0.25	SOT-23-3
BZX84C3V3LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	3.3	0.25	SOT-23-3
BZX84C3V6LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	3.6	0.25	SOT-23-3
BZX84C3V9LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	3.9	0.25	SOT-23-3
BZX84C43LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	43	0.25	SOT-23-3
BZX84C47LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	47	0.25	SOT-23-3
BZX84C4V3LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	4.3	0.25	SOT-23-3
BZX84C4V3LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	4.3	0.25	SOT-23-3
BZX84C4V7LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	4.7	0.25	SOT-23-3
BZX84C4V7LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	4.7	0.25	SOT-23-3
BZX84C51LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	51	0.25	SOT-23-3
BZX84C56LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	56	0.25	SOT-23-3
BZX84C5V1LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	5.1	0.25	SOT-23-3

BZX84C5V1LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	5.1	0.25	SOT-23-3
BZX84C5V6LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	5.6	0.25	SOT-23-3
BZX84C5V6LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	5.6	0.25	SOT-23-3
BZX84C62LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	62	0.25	SOT-23-3
BZX84C68LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	68	0.25	SOT-23-3
BZX84C6V2LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	6.2	0.25	SOT-23-3
BZX84C6V2LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	6.2	0.25	SOT-23-3
BZX84C6V8LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	6.8	0.25	SOT-23-3
BZX84C6V8LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	6.8	0.25	SOT-23-3
BZX84C75LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	75	0.25	SOT-23-3
BZX84C7V5LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	7.5	0.25	SOT-23-3
BZX84C8V2LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	8.2	0.25	SOT-23-3
BZX84C9V1LT1G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	9.1	0.25	SOT-23-3

BZX84C9V1LT3G	0.014	Pb-free Halide free non AEC-Q and PPAP	Active	9.1	0.25	SOT-23-3
SZBZX84B10LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	10	0.25	SOT-23-3
SZBZX84B12LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	12	0.25	SOT-23-3
SZBZX84B15LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	15	0.25	SOT-23-3
SZBZX84B16LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	16	0.25	SOT-23-3
SZBZX84B18LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	18	0.25	SOT-23-3
SZBZX84B22LT1G	0.0229	AEC Qualified PPAP Capable Pb-free Halide free	Active	22	0.25	SOT-23-3
SZBZX84B24LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	24	0.25	SOT-23-3
SZBZX84B27LT1G	0.0229	AEC Qualified PPAP Capable Pb-free Halide free	Active	27	0.25	SOT-23-3
SZBZX84B3V3LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.3	0.25	SOT-23-3
SZBZX84B4V7LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	4.7	0.25	SOT-23-3



SZBZX84B5V1LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.1	0.25	SOT-23-3
SZBZX84B5V6LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.25	SOT-23-3
SZBZX84B6V2LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.25	SOT-23-3
SZBZX84B6V8LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.8	0.25	SOT-23-3
SZBZX84B7V5LT1G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	7.5	0.25	SOT-23-3
SZBZX84B8V2LT1G	0.0229	AEC Qualified PPAP Capable Pb-free Halide free	Active	8.2	0.25	SOT-23-3
SZBZX84B9V1LT1G	0.0229	AEC Qualified PPAP Capable Pb-free Halide free	Active	9.1	0.25	SOT-23-3
SZBZX84B9V1LT3G	0.0219	AEC Qualified PPAP Capable Pb-free Halide free	Active	9.1	0.25	SOT-23-3
SZBZX84C10LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	10	0.25	SOT-23-3
SZBZX84C11LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	11	0.25	SOT-23-3
SZBZX84C11LT3G	0.0461	AEC Qualified PPAP Capable Pb-free Halide free	Active	11	0.25	SOT-23-3

SZBZX84C12LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	12	0.25	SOT-23-3
SZBZX84C12LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	12	0.25	SOT-23-3
SZBZX84C13LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	13	0.25	SOT-23-3
SZBZX84C13LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	13	0.25	SOT-23-3
SZBZX84C15LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	15	0.25	SOT-23-3
SZBZX84C15LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	15	0.25	SOT-23-3
SZBZX84C16LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	16	0.25	SOT-23-3
SZBZX84C16LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	16	0.25	SOT-23-3
SZBZX84C18LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	18	0.25	SOT-23-3
SZBZX84C18LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	18	0.25	SOT-23-3
SZBZX84C20LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	20	0.25	SOT-23-3

SZBZX84C22LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	22	0.25	SOT-23-3
SZBZX84C22LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	22	0.25	SOT-23-3
SZBZX84C24LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	24	0.25	SOT-23-3
SZBZX84C27LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	27	0.25	SOT-23-3
SZBZX84C27LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	27	0.25	SOT-23-3
SZBZX84C2V4LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	2.4	0.25	SOT-23-3
SZBZX84C2V7LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	2.7	0.25	SOT-23-3
SZBZX84C30LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	30	0.25	SOT-23-3
SZBZX84C33LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	33	0.25	SOT-23-3
SZBZX84C33LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	33	0.25	SOT-23-3
SZBZX84C36LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	36	0.25	SOT-23-3

SZBZX84C36LT3G	0.0616	AEC Qualified PPAP Capable Pb-free Halide free	Active	36	0.25	SOT-23-3
SZBZX84C39LT1G	0.0728	AEC Qualified PPAP Capable Pb-free Halide free	Active	39	0.25	SOT-23-3
SZBZX84C39LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	39	0.25	SOT-23-3
SZBZX84C3V0LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	3	0.25	SOT-23-3
SZBZX84C3V3LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.3	0.25	SOT-23-3
SZBZX84C3V3LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.3	0.25	SOT-23-3
SZBZX84C3V6LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.6	0.25	SOT-23-3
SZBZX84C3V6LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.6	0.25	SOT-23-3
SZBZX84C3V9LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.9	0.25	SOT-23-3
SZBZX84C43LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	43	0.25	SOT-23-3
SZBZX84C47LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	47	0.25	SOT-23-3

SZBZX84C47LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	47	0.25	SOT-23-3
SZBZX84C4V3LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	4.3	0.25	SOT-23-3
SZBZX84C4V3LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	4.3	0.25	SOT-23-3
SZBZX84C4V7LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	4.7	0.25	SOT-23-3
SZBZX84C4V7LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	4.7	0.25	SOT-23-3
SZBZX84C51LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	51	0.25	SOT-23-3
SZBZX84C56LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	56	0.25	SOT-23-3
SZBZX84C5V1LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.1	0.25	SOT-23-3
SZBZX84C5V1LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.1	0.25	SOT-23-3
SZBZX84C5V6LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.25	SOT-23-3
SZBZX84C5V6LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.25	SOT-23-3

SZBZX84C62LT1G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	62	0.25	SOT-23-3
SZBZX84C68LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	68	0.25	SOT-23-3
SZBZX84C6V2LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.25	SOT-23-3
SZBZX84C6V2LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.25	SOT-23-3
SZBZX84C6V8LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.8	0.25	SOT-23-3
SZBZX84C6V8LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.8	0.25	SOT-23-3
SZBZX84C75LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	75	0.25	SOT-23-3
SZBZX84C7V5LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	7.5	0.25	SOT-23-3
SZBZX84C7V5LT3G	0.0173	AEC Qualified PPAP Capable Pb-free Halide free	Active	7.5	0.25	SOT-23-3
SZBZX84C8V2LT1G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	8.2	0.25	SOT-23-3
SZBZX84C8V2LT3G	0.0165	AEC Qualified PPAP Capable Pb-free Halide free	Active	8.2	0.25	SOT-23-3

SZBZX84C9V1LT1G	0.0165	AEC Qualified	Active	9.1	0.25	SOT-23-3
		PPAP Capable				
		Pb-free				
		Halide free				
SZBZX84C9V1LT3G	0.0165	AEC Qualified	Active	9.1	0.25	SOT-23-3
		PPAP Capable				
		Pb-free				
		Halide free				

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

12/2/2020 作成