

TO-18, TO-72 and TO-92



Applications Key:
 GPA = General Purpose Amplifier, GPS = General Purpose Switch, HFA = High Frequency Amplifier,
 HFS = High Frequency Switch, LNA = Low Noise Amplifier, V = Voltage Controlled Attenuators

V _{DS} max. V	I _G (*I _D) max. mA	V _{GS(off)} max. V	I _{DSS} min. mA	I _{DSS} max. mA	G _{fs} min. mAV	P _{tot} max. mW @ 25°C	Package	Pin-Out	App'n Code	Mfrs. Mfr.	List No.	
												Package
N Channel												
-25	10	-7	—	—	—	300	TO-18	b	V	SLX	VCR4N	
25	10	4.5	7	20	6	12	360	TO-92	m	HFA	SLX J211	
25	10	8	2	20	2	6.5	200	TO-92	p	GPA	SLX 2N3819	
25	10	8	2	20	2	6.5	200	TO-92	k	GPA	FCH 2N3819	
25	10	6	—	5	—	—	310	TO-92	m	GPA	ON 2N5457G	
25	10	6	—	20	—	—	310	TO-92	g	HFA	ON 2N5486G	
25	10	4.0	—	30	—	—	0.5	TO-78	—	HFA	SLX U430	
25	20	6	24	60	10	18	500	TO-18	b	HFA	SLX U310	
25	50	6.0	—	30	—	—	0.5	TO-71	—	HFA	SLX U440	
25	50	5.0	7.0	40	5.0	10	0.5	TO-78	—	HFA	SLX 2N5912	
25	50	10	80	—	—	—	360	TO-92	m	GPS	SLX J108	
25	50	4	10	—	—	—	360	TO-92	m	GPS	SLX J110	
30	10	8	2	6.5	3	6.5	350	TO-92	k	HFA	FCH BF244A	
30	10	8	6	15	3	6.5	350	TO-92	k	HFA	FCH BF244B	
30	10	8	2	6.5	3	6.5	350	TO-92	r	HFA	FCH BF245A	
30	10	8	6	15	3	6.5	350	TO-92	r	HFA	FCH BF245B	
30	10	8	12	25	3	6.5	350	TO-92	r	HFA	FCH BF245C	
30	10	6	5	15	4.5	7.5	300	TO-72	e	HFA	SLX 2N4416	
40	50	1.8	0.03	0.09	0.07	0.21	300	TO-72	e	GPA	SLX 2N4117A	
50	10	2.5	0.5	10	2.0	7	0.5	TO-71	—	LNA	SLX U404	
50	50	1	0.2	0.6	0.6	1.8	300	TO-18	b	HFA	SLX 2N4338	
P Channel												
20	15	8	0.3	15	0.8	5	360	TO-92	k	GPA	— 2N3820	
30	50	4	2	35	—	—	360	TO-92	k	GPS	SLX J176	
30	50	2.25	1.5	20	—	—	360	TO-92	k	GPS	SLX J177	
40	10	7.5	—	9	—	—	310	TO-92	k	LNA	ON 2N5461G	
40	16	9	4	16	2	6	310	TO-92	n	LNA	— 2N5462	

Order Multiple=5	Mfrs.	Order Code	Price Each			
			5+	25+	100+	250+
BF244A	FCH	101-7682	21.00	16.00	12.00	7.00
BF244B	FCH	101-7683	20.00	16.00	12.00	7.00
BF245A	FCH	101-7684	21.00	16.00	12.00	7.00
BF245B	FCH	101-7685	21.00	16.00	12.00	7.00
BF245C	FCH	101-7686	21.00	16.00	12.00	7.00
J108	SLX	954-9846	33.00	26.00	23.00	22.00
J110	SLX	954-9854	73.00	58.00	51.00	48.00
J175	SLX	954-9870	33.00	28.00	25.00	24.00
J176	SLX	954-9889	41.00	33.00	29.00	27.00
J177	SLX	954-9897	27.00	22.00	19.00	18.00
J211	SLX	954-9900	48.00	39.00	34.00	32.00
U310	SLX	102-1765	181.00	170.00	155.00	146.00
U404	SLX	102-1759	375.00	353.00	320.00	302.00
U440	SLX	102-1761	413.00	389.00	353.00	332.00
U430	SLX	102-1763	579.00	545.00	495.00	466.00
VCR4N	SLX	105-8175	199.00	187.00	170.00	160.00
2N3819	FCH	101-7644	16.00	12.00	9.00	5.00
2N3819	SLX	102-1768	50.00	40.00	35.00	33.00
2N3820	FCH	352-305	8.00	7.00	—	—
2N4117A	SLX	102-1766	209.00	197.00	179.00	168.00
2N4338	SLX	102-1764	176.00	166.00	151.00	142.00
2N4416	SLX	102-1767	160.00	150.00	136.00	128.00
2N5457G	ON	955-6869	26.00	19.00	14.00	9.00
2N5912	SLX	102-1762	766.00	720.00	654.00	616.00
2N5461G	ON	955-6796	23.00	19.00	14.00	9.00
2N5462	FCH	101-7645	34.00	21.00	17.00	10.00
2N5486G	ON	955-6800	26.00	19.00	14.00	9.00

Zener Diodes

BZV55 Series, 2% and 5% Tolerance
 SOD-80, 500mw



PHILIPS



BZV55C Series - 5% Tolerance

Zener Voltage V	Mfrs. List No.	Order Code	Zener Voltage V	Mfrs. List No.	Order Code	Zener Voltage V	Mfrs. List No.	Order Code
2.4	BZV55-C2V4	305-0830	4.7	BZV55-C4V7	305-0919	8.2	BZV55-C8V2	305-0981
2.7	BZV55-C2V7	305-0841	5.1	BZV55-C5V1	305-0932	9.1	BZV55-C9V1	305-0993
3.3	BZV55-C3V3	305-0889	5.6	BZV55-C5V6	305-0944	10	BZV55-C10	305-0762
3.6	BZV55-C3V6	873-5450	6.2	BZV55-C6V2	305-0956	12	BZV55-C12	305-0774
3.9	BZV55-C3V9	305-0890	6.8	BZV55-C6V8	305-0968	15	BZV55-C15	305-0786
4.3	BZV55-C4V3	305-0907	7.5	BZV55-C7V5	305-0970	16	BZV55-C16	305-0798

Zener Voltage V	Mfrs. List No.	Order Code	Zener Voltage V	Mfrs. List No.	Order Code	Zener Voltage V	Mfrs. List No.	Order Code
22	BZV55-C22	305-0804	30	BZV55-C30	305-0853	39	BZV55-C39	305-0877
24	BZV55-C24	305-0816	33	BZV55-C33	305-0865	56	BZV55-C56	305-0920
27	BZV55-C27	305-0828						

BZV55B Series - 2% Tolerance

Zener Voltage V	Mfrs. List No.	Order Code
5.1	BZV55-B5V1	873-5441

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Order Code	Price Each					
	5+	25+	100+	500+	+	
BZV55B Series	All Values	7.00	4.00	3.00	2.00	--
BZV55C Series	All Values	4.00	4.00	3.00	2.00	--

BZG05C and BZG03C Series, 5% Tolerance



- P_{tot} = 3W
- Non-repetitive peak power dissipation; 60W (BZG05C series), 600W (BZG03C series)
- DO-214AC (SMA) package

H = 2.9, W = 2.9, D = 5.6



Zener Voltage (V)	Mfrs. List No.	Order Code	Zener Voltage (V)	Mfrs. List No.	Order Code
3.3	BZG05-C3V3	939-7965	10	BZG03-C10	939-8082
3.6	BZG05-C3V6	939-7973	12	BZG03-C12	939-8090
3.9	BZG05-C3V9	939-7981	15	BZG03-C15	939-8104
4.3	BZG05-C4V3	939-7990	18	BZG03-C18	939-8112
4.7	BZG05-C4V7	939-8007	20	BZG03-C20	939-8120
5.1	BZG05-C5V1	939-8015	24	BZG03-C24	939-8139
5.6	BZG05-C5V6	939-8023	27	BZG03-C27	939-8147
6.2	BZG05-C6V2	939-8031	30	BZG03-C30	939-8155
6.8	BZG05-C6V8	939-8040	33	BZG03-C33	939-8163
7.5	BZG05-C7V5	939-8058	56	BZG03-C56	939-8171
8.2	BZG05-C8V2	939-8066	100	BZG03-C100	939-8180
9.1	BZG05-C9V1	939-8074	120	BZG03-C120	939-8198
			150	BZG03-C150	939-8201
			180	BZG03-C180	939-8210
			200	BZG03-C200	939-8228
			240	BZG03-C240	939-8236
			270	BZG03-C270	939-8244

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Mfrs. List No.	Order Code	Price Each			
		5+	25+	100+	250+
BZG05C Series	All Values	17.00	15.00	12.00	10.00
BZG03C Series	All Values	20.00	18.00	15.00	12.00

BZX384C Series, 5% Tolerance



SOD-323
 H=1.1, W=1.8, D=1.36

- P_{tot} = 300mW
- Plastic SOD-323 package
- Non-repetitive peak reverse power dissipation 40 W max



Zener Voltage, V	Mfrs. List No.	Order Code	Zener Voltage, V	Mfrs. List No.	Order Code
2.4	BZX384-C2V4	873-5573	15	BZX384-C15	873-5506
2.7	BZX384-C2V7	873-5581	16	BZX384-C16	873-5514
3	BZX384-C3V0	873-5638	18	BZX384-C18	873-5522
3.3	BZX384-C3V3	873-5646	20	BZX384-C20	873-5530
3.6	BZX384-C3V6	873-5654	22	BZX384-C22	873-5549
3.9	BZX384-C3V9	873-5662	24	BZX384-C24	873-5557
4.3	BZX384-C4V3	873-5697	27	BZX384-C27	873-5565
4.7	BZX384-C4V7	873-5700	30	BZX384-C30	873-5590
5.1	BZX384-C5V1	873-5735	33	BZX384-C33	873-5603
5.6	BZX384-C5V6	873-5743	36	BZX384-C36	873-5611
6.2	BZX384-C6V2	873-5778	39	BZX384-C39	873-5620
6.8	BZX384-C6V8	873-5786	43	BZX384-C43	873-5670
7.5	BZX384-C7V5	873-5808	47	BZX384-C47	873-5689
8.2	BZX384-C8V2	873-5816	51	BZX384-C51	873-5719
9.1	BZX384-C9V1	873-5824	56	BZX384-C56	873-5727
10	BZX384-C10	873-5468	62	BZX384-C62	873-5751
11	BZX384-C11	873-5476	68	BZX384-C68	873-5760
12	BZX384-C12	873-5484	75	BZX384-C75	873-5794
13	BZX384-C13	873-5492			

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Series	Order Code	10+	100+	1K+	3K+
BZX384C...	All Values	6.00	4.00	3.00	2.00

Semiconductors - Discretes

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Compliant Non-compliant + Limited stock - RoHS replacement available
RoHS