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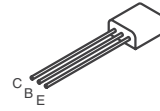
Transistors



Darlington

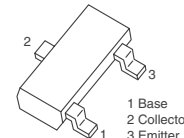
V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Loose Piece Pricing						
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)	1	10	100	1,000	
NPN — RoHS Compliant																
60	80	800	5000	—	100	5	1.25	800	8	TO92-3	BCX38C-ND	.66	5.61	42.08	238.46	
80	100	1.0	2K	100K	1000	5	1.0	1000	1	TO92-3	ZTX603-ND	1.03	9.15	72.31	442.69	
100	120	0.8	10K	—	500	5	1.25	800	8	TO92-3	ZTX614-ND	.75	6.28	47.13	267.07	
120	140	1.0	2K	100K	1000	5	1.5	1000	1	TO92-3	ZTX605-ND	1.03	9.15	72.31	442.69	
160	180	1.0	2K	100K	500	10	1.2	1000	10	TO92-3	ZTX601-ND	1.03	9.15	72.31	442.69	
160	180	1.0	10K	100K	500	10	1.2	1000	10	TO92-3	ZTX601B-ND	1.03	9.15	72.31	442.69	
PNP																
-120	-140	-1.0	3K	30K	-1000	-5	-1.3	-1000	-1	TO92-3	ZTX705-ND	.89	7.88	62.22	380.94	

TO-92-3

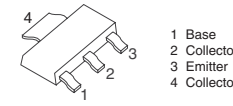


SOT23-3, SOT23F-3

V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel			
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)		1	10	Qty.	Pricing
NPN — RoHS Compliant																
30	30	1.0	5K	—	1000	5	1.6	1000	1	SOT-223	FZTA14CT-ND	.68	.55	FZTA14TR-ND	1,000	209.84
30	30	0.3	5K	—	10	5	1.5	100	0.1	SOT23-3	FMMTA13CT-ND	.57	.45	FMMTA13TR-ND	3,000	130.17/M
30	30	0.3	10K	—	10	5	1.5	100	0.1	SOT23-3	FMMTA14CT-ND	.57	.45	FMMTA14TR-ND	3,000	130.17/M
60	80	0.5	2K	—	500	5	1.0	100	0.1	SOT23-3	BCV47CT-ND	.72	.49	BCV47TR-ND	3,000	67.33/M
60	80	0.5	2K	—	100	1	1.0	100	0.1	SOT-89	BCV49CT-ND	.61	.48	BCV49TR-ND	1,000	151.49
80	80	0.3	10K	—	300	5	1.25	800	8.0	SOT23-3	FMMT38CCT-ND	.57	.45	FMMT38CTR-ND	3,000	130.17/M
80	100	2.0	5K	100K	500	5	1.0	1000	1	SOT-223	FZT603CT-ND	.89	.77	FZT603TR-ND	1,000	323.18
90	90	0.5	2K	—	500	10	1.3	500	0.5	SOT-89	BST52CT-ND	.65	.52	BST52TR-ND	1,000	161.59
120	120	0.9	5K	—	2000	5	0.85	500	5	SOT23-3	FMMT634CT-ND	.79	.63	FMMT634TR-ND	3,000	221.07/M
120	120	0.5	5K	—	500	5	1.0	500	5	SOT23-3	FMMT614CT-ND	.56	.45	FMMT614TR-ND	3,000	157.11/M
140	140	2.0	5K	—	500	5	1.0	250	0.25	SOT-223	FZT605CT-ND	.89	.77	FZT605TR-ND	1,000	323.18
120	140	1.0	1K	—	2000	5	1.5	2000	5	SOT23F-3	ZXTN04120HFFCT-ND	.81	.65	ZXTN04120HFFTR-ND	3,000	226.68/M
140	140	1.0	2K	—	1000	5	1.0	250	0.25	SOT-89	FCX605CT-ND	.92	.74	FCX605TR-ND	1,000	283.91
160	160	2.0	1K	—	1000	10	1.2	1000	10	SOT-223	FZT600CT-ND	.89	.77	FZT600TR-ND	1,000	323.18
160	160	2.0	1K	100K	1000	10	1.1	500	5	SOT-223	FZT600BCT-ND	.89	.77	FZT600BTR-ND	1,000	323.18
PNP — RoHS Compliant																
-60	-80	-0.5	2K	—	-500	-5	-1.0	-100	-0.1	SOT23-3	BCV46CT-ND	.61	.48	BCV46TR-ND	3,000	139.15/M
-100	-100	-0.8	15K	—	-1000	-5	-1.05	-1000	-5	SOT23-3	FMMT734CT-ND	.79	.63	FMMT734TR-ND	3,000	221.07/M
-140	-140	-2.0	3K	30K	-1000	-5	-1.3	-1000	-1	SOT-223	FZT705CT-ND	1.09	.95	FZT705TR-ND	1,000	397.24
-120	-140	-1.0	3K	30K	-1000	-5	-1.3	-1000	-1	SOT-89	FCX705CT-ND	.92	.74	FCX705TR-ND	1,000	283.91
-140	-140	-1.0	2K	—	-2000	-5	-2.0	-2000	-2	SOT23F-3	ZXTP05120HFFCT-ND	.81	.65	ZXTP05120HFFTR-ND	3,000	226.68/M



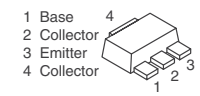
SOT-223



RF - NPN

V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel			
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)		1	10	Qty.	Pricing
Digi-Reel																
11	20	50	56	180	5	10	0.5	25	5	SOT-23-3	BFS17NTACT-ND NEW!	.56	.45	BFS17NTATR-ND NEW!	3,000	157.11/M
15	20	0.05	56	180	5	10	0.5	10	5	SOT-323	ZUMTS17NTACT-ND NEW!	.70	.55	ZUMTS17NTATR-ND NEW!	3,000	157.11/M
15	30	0.10	20	—	3	1	0.4	10	10	SC70-3	ZUMT918CT-ND	.71	.57	—	—	—

SOT-89



Small Signal

V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Cut Tape Price Each			
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)	1	10
NPN													
15	40	0.2	40	120	10	1	0.20	10	1	SC70-3	ZUMT2369ACT-ND	.71	.62
PNP													
-32	-32	-0.20	380	630	-2	-5	-0.25	-10	-0.25	SOT23-3	BCW61DCT-ND	.99	.74

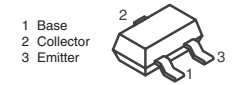
Avalanche - NPN

V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Loose Piece Pricing					
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)	1	10	100	1,000
100	260	60	25	—	10	10	0.25	250	—	TO92-3	ZTX415-ND	15.84	144.09	1224.73	9581.68



V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel			
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)		1	10	Qty.	Pricing
Digi-Reel																
50	150	0.1	50	—	10	10	0.15	10	1	SOT23-3	FMMT413TDCT-ND NEW!	8.08	7.28	FMMT413TDTR-ND NEW!	500	2235.34
260	0.50	25	—	10	10	0.5	10	1	SOT23-3	FMMT415CT-ND	10.78	9.78	—	—	—	
100	260	0.50	25	—	10	10	0.5	10	1	SOT23-3	FMMT415TDCT-ND	14.45	13.20	FMMT415TDTR-ND	500	4555.97
320	0.50	25	—	10	10	0.5	10	1	SOT23-3	FMMT417DCT-ND	14.42	13.07	FMMT417DTR-ND	500	4218.20	

SC70-3



Dual Combinations

V _{CEO} (V)	V _{CB0} (V)	I _C (cont.) (A)	hFE		V _{CE} (sat)			Packaging Type	Digi-Key Part No.	Cut Tape Price Each		Digi-Key Part No.	Tape and Reel			
			Min.	Max.	@I _C (mA)	@V _{CE} (V)	Max. (V)			@I _C (mA)	@I _B (mA)		1	10	Qty.	Pricing
Digi-Reel																
Dual NPN																
17.5	50	5.0	300	—	.001	2	.300	.005	50	SM-8	ZDT1048CT-ND	2.00	1.79	ZDT1048TR-ND	1,000	787.76

♦ RoHS Compliant † See drawing

(Continued)

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