

Products may be RoHS compliant. Check mouser.com for RoHS status.

ZETEX LNB POWER MANAGEMENT CONTROLLER

MOUSER STOCK NO.	Zetex Part No.	Package	LNA Bias Stages	Mixer Bias Stages	VOUT (V)	Max Total Load (mA)	VPOL (V)	FTONE (kHz)	LNA VDRAIN	LNA IDRAIN	Mixer IDRAIN	Vg OFF	VNEG	Price Each			
														1	25	100	250
522-ZXNB4202JB16TC	ZXNB4202JB16TC	QFN1644	3	1	5	115	14-15.5	22	2	0-15	0-10	0	-2.5	1.50	1.25	1.05	.875

ZETEX VERY LOW QUIESCENT CURRENT REFERENCES

◆ Surface Mount Device

MOUSER STOCK NO.	Zetex Part No.	Package	Reverse Breakdown Voltage (V)	Min. Current (µA)	Max. Current (mA)	Max. Temperature Coefficient (ppm/°C)	Max. Slope Resistance (Ω)	Price Each			
								1	25	100	250
◆ 522-ZXRE1004DFTA	ZXRE1004DFTA	SOT-23	1.22	4	20	75	0.5	1.19	.87	.70	.525
◆ 522-ZXRE125EFTA	ZXRE125EFTA	SOT-23	1.22	8 (Max.)	20	75	2	1.15	.84	.678	.508
◆ 522-ZXRE125FFTA	ZXRE125FFTA	SOT-23	1.22	8 (Max.)	20	75	2	1.05	.77	.618	.463
◆ 522-ZXRE125CFTA	ZXRE125CFTA	SOT-23	1.22	30 (Max.)	5	90	2	1.92	1.60	1.28	.961
◆ 522-ZXRE125DFTA	ZXRE125DFTA	SOT-23	1.22	30 (Max.)	5	90	2	1.36	1.00	.802	.601
◆ 522-ZXRE4041DFTA	ZXRE4041DFTA	SOT-23	1.22	30 (Max.)	12	75	0.6	.97	.71	.572	.429
◆ 522-ZXRE4041CFTA	ZXRE4041CFTA	SOT-23	1.225	30 (Max.)	12	75	0.6	1.24	.91	.732	.549

ZETEX FIXED VOLTAGE REFERENCES

MOUSER STOCK NO.	Zetex Part No.	Package	Reverse Breakdown Voltage (V)	Min. Current (µA)	Max. Current (mA)	Max. Temperature Coefficient (ppm/°C)	Max. Slope Resistance (Ω)	Price Each			
								1	25	100	250
◆ 522-ZRC250F01TA	ZRC250F01TA	SOT-23	2.5	20	5	90	1	1.28	.91	.734	.55
◆ 522-ZRC250F02TA	ZRC250F02TA	SOT-23	2.5	20	5	90	1	1.04	.74	.592	.444
◆ 522-ZR40401F25TA	ZR40401F25TA	SOT-23	2.5	50	20	90	2	.97	.71	.572	.429
◆ 522-ZR404005F25TA	ZR404005F25TA	E-Line	2.5	50	20	90	2	1.24	.91	.732	.549
◆ 522-ZR40402F25TA	ZR40402F25TA	SOT-23	2.5	50	20	90	2	.63	.45	.36	.27
◆ 522-ZRC330F01TA	ZRC330F01TA	SOT-23	3.3	20	5	50	2	1.24	.91	.734	.66
◆ 522-ZRC330F03TA	ZRC330F03TA	SOT-23	3.3	20	5	50	2	1.05	.77	.618	.463
◆ 522-ZRC400F01TA	ZRC400F01TA	SOT-23L	4.096	18	23	90	2	1.19	1.08	.945	.822
◆ 522-ZR40401F41TA	ZR40401F41TA	SOT-23L	4.096	50	20	90	2	.97	.71	.572	.429
◆ 522-ZRB500F01TA	ZRB500F01TA	SOT-23	5	50	15	50	1.5	1.24	.91	.734	.55
◆ 522-ZR40401F50TA	ZR40401F50TA	SOT-25	5	50	20	90	1.5	.97	.71	.572	.429

ZETEX PROGRAMMABLE VOLTAGE REFERENCES

• Operating Temperature Range: -40°C to 85°C

PRODUCT **NEW**

MOUSER STOCK NO.	Zetex Part No.	Package	Reference Voltage (V)	Min. Output Voltage (V)	Max. Output Voltage (V)	Min. Cathode Current (µA)	Max. Cathode Current (mA)	Price Each			
								1	25	100	250
◆ 522-ZR431LF02TA	ZR431LF02TA	SOT-23	1.24	1.2	10	100	25	.82	.78	.588	.512
◆ 522-ZR431LF01TA	ZR431LF01TA	SOT-23	1.24	1.24	10	100	25	.85	.809	.675	.587
◆ 522-ZR431F005TA	ZR431F005TA	SOT-23	2.5	2.5	20	50	100	.90	.821	.715	.556
◆ 522-ZR431F01TA	ZR431F01TA	SOT-23	2.5	2.5	20	50	100	.72	.62	.513	.42
◆ 522-ZR431FTA	ZR431FTA	SOT-23	2.5	2.5	20	50	100	.57	.52	.405	.367
◆ 522-ZTL431BE5TA	ZTL431BE5TA	SOT-23-5	2.5	2.5	20	1000	100	.52	.48	.324	.30
◆ 522-ZXRD060AFK-7	ZXRD060AFK-7	DFN2626-10	0.6	0.2	18	-	15	1.28	1.16	1.08	1.08
◆ 522-ZXRD060FK-7	ZXRD060FK-7	DFN2626P-10	0.6	0.2	18	-	15	1.04	.943	.88	.878

ZETEX ZLDO1117 1A LOW DROPOUT POSITIVE ADJUSTABLE OR FIXED MODED REGULATOR

• 2% Tolerance over temperature, line and load variations
• Output current limiting
• Built-in Thermal Shutdown
• Suitable for use with MLCC capacitors

MOUSER STOCK NO.	Zetex Part No.	Package	Output Voltage (V)	Max. Input Voltage	Max Output Current (A)	Quiescent Current (Typ.)	Drop-Out Voltage (V)	Price Each		
								1	25	100
522-ZLDO1117KTC	ZLDO1117KTC	TO252-3L	Adjustable	18	1	4	1.2	.72	.57	.37
522-ZLDO1117K15TC	ZLDO1117K15TC	TO252-3L	1.5V	18	1	4	1.2	.72	.57	.37
522-ZLDO1117K18TC	ZLDO1117K18TC	TO252-3L	1.8V	18	1	4	1.2	.72	.57	.37
522-ZLDO1117K25TC	ZLDO1117K25TC	TO252-3L	2.5V	18	1	4	1.2	.72	.57	.37
522-ZLDO1117K33TC	ZLDO1117K33TC	TO252-3L	3.3V	18	1	4	1.2	.72	.57	.37
522-ZLDO1117K50TC	ZLDO1117K50TC	TO252-3L	5.0V	18	1	4	1.2	.72	.57	.37
522-ZLDO1117G12TA	ZLDO1117G12TA	SOT223-3L	1.2V	18	1	4	1.2	.61	.48	.363
522-ZLDO1117GTA	ZLDO1117GTA	SOT223-3L	Adjustable	18	1	4	1.2	.61	.48	.363
522-ZLDO1117G15TA	ZLDO1117G15TA	SOT223-3L	1.5V	18	1	4	1.2	.61	.48	.363
522-ZLDO1117G18TA	ZLDO1117G18TA	SOT223-3L	1.8V	18	1	4	1.2	.61	.48	.363
522-ZLDO1117G25TA	ZLDO1117G25TA	SOT223-3L	2.5V	18	1	4	1.2	.61	.48	.363
522-ZLDO1117G33TA	ZLDO1117G33TA	SOT223-3L	3.3V	18	1	4	1.2	.61	.48	.363
522-ZLDO1117G50TA	ZLDO1117G50TA	SOT223-3L	5.0V	18	1	4	1.2	.61	.48	.363

ZETEX ZSR SERIES - FIXED VOLTAGE REGULATORS

MOUSER STOCK NO.	Zetex Part No.	Package	Output Voltage (V)	Max. Output Current (mA)	Max Quiescent Current (µA)	Typical Drop-Out Voltage (V)	Max Line Regulation (mV)	Max. Load Regulation (mV)	Price Each			
									1	25	100	250
522-ZSR300GTA	ZSR300GTA	SOT-223	3	200	600	1.7	40	25	1.17	1.05	.928	.808
522-ZSR330GTA	ZSR330GTA	SOT-223	3.3	200	600	1.7	30	25	1.17	1.05	.928	.808
522-ZSR500GTA	ZSR500GTA	SOT-223	5	200	600	1.7	40	25	1.17	1.05	.928	.808
522-ZSR800GTA	ZSR800GTA	SOT-223	8	200	600	1.7	40	30	1.55	1.23	1.07	.961
522-ZSR1000GTA	ZSR1000GTA	SOT-223	10	200	600	1.7	40	30	1.17	1.05	.928	.808

ZETEX ZXCL SERIES - VERY SMALL MICROPOWER LOW DROPOUT REGULATORS

MOUSER STOCK NO.	Zetex Part No.	Package	Output Voltage (V)	Dropout Voltage IL=50mA (mV)	Max. Load Current (mA)	Typical Quiescent Current (µA)	Typical Shutdown Current µA	Output Noise Voltage µV rms	Price Each			
									1	25	100	250
◆ 522-ZXCL250E5TA	ZXCL250E5TA	SOT-23-5	2.50	85	100	25.0	0.01	50	.64	.619	.51	.442
◆ 522-ZXCL250H5TA	ZXCL250H5TA	SC70	3	85	100	25.0	0.01	50	.64	.61	.51	.442
◆ 522-ZXCL300E5TA	ZXCL300E5TA	SOT-23-5	3	85	150	25.0	0.01	50	.66	.639	.522	.452
◆ 522-ZXCL330E5TA	ZXCL330E5TA	SOT-23-5	3	85	150	25.0	0.01	50	.48	.40	.363	.313
◆ 522-ZXCL330H5TA	ZXCL330H5TA	SC70	3	85	150	25.0	0.01	50	.64	.619	.51	.442

ZETEX ZMR SERIES - MINIATURE VOLTAGE REGULATORS

MOUSER STOCK NO.	Zetex Part No.	Package	Max. Input Voltage (V)	Output Voltage (V)	Max. Output Current (mA)	Max Quiescent Current (µA)	Typical Drop-Out Voltage (V)	Max Line Regulation (mV)	Max. Load Regulation (mV)	Price Each			
										1	25	100	250
◆ 522-ZMR250FTA	ZMR250FTA	SOT-23	20	2.5	50	40	1.7	15	30	.93	.90	.661	.612
◆ 522-ZMR500FTA	ZMR500FTA	SOT-23	20	5	50	70	1.7	15	40	.93	.90	.73	.63
◆ 522-ZMR330FTA	ZMR330FTA	SOT-23	24	3.3	100	170	1.7	15	50	1.10	.88	.661	.612