

STMicroelectronics Voltage Regulators



life augmented

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

POSITIVE FIXED LOW DROP VOLTAGE REGULATORS (CONT.)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ) (V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temperature Range (°C)	Price Each		
									1	10	100
Thru Hole (Cont.)											
511-LD1117V50	LD1117V50	TO-220AB	5.0	0.8	1	10	15	0 to +125	.56	.47	.37
511-L4941BV	L4941BV	TO-220AB	5.0	1.0	0.45	20	20	0 to +125	.85	.80	.75
511-L4940V5	L4940V5	TO-220AB	5.0	1.5	0.5	10	25	0 to +125	1.94	1.86	1.50
511-LD1085V50	LD1085V50	TO-220AB	5.0	3.0	1.3	10	10	-40 to +125	.80	.73	.68
511-L5957	L5957	Multit Watt15	9.0	Int. Limited	---	50	100	-40 to +85	4.96	4.66	4.32

POSITIVE FIXED VERY LOW DROP VOLTAGE REGULATORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ) (V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temperature Range (°C)	Price Each		
									1	10	100
Surface Mount											
511-LF25ABDT-TR	LF25ABDT-TR	TO-252	2.5	0.5	0.2	12	12	-40 to +125	1.32	1.17	.893
511-LF25CDT-TR	LF25CDT	TO-252	2.5	0.5	0.2	12	10	-40 to +125	.85	.78	.65
511-KF25BD-TR	KF25BD-TR	SO-8	2.5	1	0.2	12	50	-40 to +125	1.36	1.03	.83
511-LE33CD-TR	LE33CD-TR	SO-8	3.3	0.1	0.2	20	25	-40 to +125	.88	.78	.68
511-L4931ABD33-TR	L4931ABD33-TR	SO-8	3.3	0.25	0.4	15	15	-40 to +125	.80	.71	.61
511-L4931ABDT33-TR	L4931ABDT33-TR	TO-252	3.3	0.3	0.4	15	15	-40 to +125	.77	.69	.59
511-L4931CD33-TR	L4931CD33-TR	SO-8	3.3	0.3	0.4	18	18	-40 to +125	.75	.66	.57
511-KF33BD-TR	KF33BD-TR	SO-8	3.3	0.5	0.2	12	50	-40 to +125	1.31	1.16	.92
511-KF33BDT-TR	KF33BDT-TR	TO-252	3.3	0.5	0.2	18	50	-40 to +125	1.12	.85	.72
511-LF33ABDT-TR	LF33ABDT-TR	TO-252	3.3	0.5	0.2	16	16	-40 to +125	.99	.88	.76
511-LF33CDT-TR	LF33CDT-TR	TO-252	3.3	0.5	0.2	16	16	-40 to +125	.93	.83	.72
511-LD29080DT33R	LD29080DT33R	TO-252	3.3	0.8	0.1	1%	0.50%	-40 to +125	1.41	1.26	.97
511-LD29150DT33R	LD29150DT33R	TO-252	3.3	1.5	0.1	1%	0.50%	-40 to +125	1.07	.95	.82
511-LD29300P2M33R	LD29300P2M33R	TO-263A	3.3	3.0	0.1	1%	0.50%	-40 to +125	1.37	1.21	1.05
511-L4949ED-TR	L4949ED013TR	SO-8	5.0	0.005	0.1	20	30	-40 to +150	.94	.86	.72
511-LM2931AD50	LM2931AD50R	SO-8	5.0	0.1	0.25	10	50	-40 to +125	.67	.57	.54
511-LM2931ADT50R	LM2931ADT50	TO-252	5.0	0.1	0.25	10	50	-40 to +125	.92	.814	.629
511-L4949EPTR-E	L4949EPTR-E	SO-20W	5.0	0.1	0.5	20	30	-40 to +150	1.64	1.49	1.39
511-L4931CD50-TR	L4931CD50-TR	SO-8	5.0	0.3	0.4	17.5	15	-40 to +125	.75	.66	.57
511-L4931CDT50-TR	L4931CDT50-TR	TO-252	5.0	0.3	0.6	17.5	15	-40 to +125	.80	.71	.61
511-KF50BDT-TR	KF50BDT-TR	TO-252	5.0	0.5	0.2	18	50	-40 to +125	.91	.823	.70
511-LF50ABDT-TR	LF50ABDT-TR	TO-252	5.0	0.5	0.2	25	25	-40 to +125	.96	.87	.74
511-LF50CDT-TR	LF50CDT-TR	TO-252	5.0	0.5	0.2	25	25	-40 to +125	1.29	1.09	.94
511-LD29080DT50R	LD29080DT50R	TO-252	5.0	0.8	0.1	1%	0.50%	-40 to +125	1.41	1.26	.97
511-L4941BDT-TR	L4941BDT-TR	TO-252	5.0	1.0	0.25	20	20	-40 to +150	.98	.85	.74
511-L4940D2T5-TR	L4940D2T5-TR	TO-263	5.0	1.5	0.2	10	25	-40 to +150	1.94	1.86	1.50
511-LD29150DT50R	LD29150DT50R	TO-252	5.0	1.5	0.1	1%	0.50%	-40 to +125	.78	.69	.60
511-LF80ABDT-TR	LF80ABDT-TR	TO-252	8.0	0.5	0.35	40	40	-40 to +125	1.21	1.08	.85
511-L4940D2T10-TR	L4940D2T10-TR	TO-263	10.0	1.5	0.2	0.008	0.035	-40 to +150	1.21	1.07	.95
511-L4931ABD120TR	L4931ABD120TR	SO-8	12.0	0.25	0.4	20	15	-40 to +125	.69	.61	.535
511-LF120CDT-TR	LF120CDT-TR	TO-252	12.0	0.5	0.2	60	60	-40 to +125	1.20	1.05	.86
511-L4940D2T12-TR	L4940D2T12-TR	TO-263	12.0	1.5	0.2	0.007	0.035	-40 to +150	1.21	1.07	.95
Thru Hole											
511-LE33CZ-TR	LE33CZ-TR	TO-92	3.3	0.1	0.2	20	25	-40 to +125	.42	.38	.32
511-L4931CZ33-AP	L4931CZ33-AP	TO-92	3.3	0.3	0.4	18	18	-40 to +125	.84	.763	.646
511-LF33ABV	LF33ABV	TO-220AB	3.3	0.5	0.2	16	16	-40 to +125	.90	.79	.61
511-LF33CV	LF33CV	TO-220AB	3.3	0.5	0.2	16	16	-40 to +125	1.24	1.10	.841
511-LE50ABZ-AP	LE50ABZ-AP	TO-92	5.0	0.1	0.2	20	15	-40 to +125	1.00	.89	.70
511-LM2931AZ50R	LM2931AZ50R	TO-92	5.0	0.1	0.25	10	33	-40 to +125	.44	.37	.35
511-L4931CZ50-AP	L4931CZ50-AP	TO-92	5.0	0.3	0.4	21	18	-40 to +125	.80	.72	.65
511-LF50CV	LF50CV	TO-220AB	5.0	0.5	0.2	25	25	-40 to +125	1.08	.96	.81

POSITIVE FIXED ULTRA LOW DROP VOLTAGE REGULATORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ) (V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temperature Range (°C)	Price Each		
									1	10	100
Surface Mount											
511-LDCL015MR	LDCL015MR	SOT-23-5L	0.8	15	5	0.05%	0.00%	-40 to +125	1.68	1.50	1.38
511-LD39015M15R	LD39015M15R	SOT-23-5L	1.5	0.15	0.08	0.01%	0.002%	-40 to +125	.67	.59	.51
511-LD39015M18R	LD39015M18R	SOT-23-5L	1.8	0.15	0.08	0.01%	0.002%	-40 to +125	.67	.59	.51
511-LDS3985M18R	LDS3985M18R	SOT-23-5L	1.8	0.3	0.0004	0.10%	0.01%	-40 to +125	.53	.47	.41
511-LD3985M25R	LD3985M25R	SOT-23-5L	2.5	0.15	0.0004	0.10%	0.01%	-40 to +125	.48	.43	.37
511-LD2985BM30R	LD2985BM30R	SOT-23-5L	3.0	0.15	0.003	0.014	-	-40 to +125	1.02	.89	.71
511-LD2980CM33	LD2980CM33TR	SOT-23-5L	3.3	0.05	0.003	0.014%	-	-40 to +125	.45	.40	.35
511-LD2981ABM33	LD2981ABM33TR	SOT-23-5L	3.3	0.1	0.001	0.014%	-	-40 to +125	.70	.59	.51
511-LD2981ABU33	LD2981ABU33TR	SOT-89	3.3	0.1	0.001	0.014%	-	-40 to +125	.72	.64	.55
511-LD2981CU33	LD2981CU33TR	SOT-89	3.3	0.1	0.001	0.014%	-	-40 to +125	.72	.64	.55
511-LD2985BM33R	LD2985BM33R	SOT-23-5L	3.3	0.15	0.003	0.014	-	-40 to +125	.70	.59	.51
511-LD3985M33R	LD3985M33R	SOT-23-5L	3.3	0.15	0.0004	0.10%	0.01%	-40 to +125	.48	.43	.37
511-LD39015M33R	LD39015M33R	SOT-23-5L	3.3	0.15	0.08	0.01%	0.002%	-40 to +125	.67	.59	.51
511-LDS3985M33R	LDS3985M33R	SOT-23-5L	3.3	0.3	0.0004	0.10%	0.01%	-40 to +125	.58	.52	.45
511-LDCL015M33R	LDCL015M33R	SOT-23-5L	3.3	15	5	0.05%	0.003%	-40 to +125	2.45	2.10	1.71
511-LD2980ABM50	LD2980ABM50TR	SOT-23-5L	5.0	0.05	0.003	0.014%	-	-40 to +125	.53	.47	.41
511-LD2980CM50	LD2980CM50TR	SOT-23-5L	5.0	0.05	0.003	0.014%	-	-40 to +125	.45	.40	.35
511-LD2981ABM50	LD2981ABM50TR	SOT-23-5L	5.0	0.1	0.001	0.014%	-	-40 to +125	.64	.57	.49
511-LD2981ABU50	LD2981ABU50TR	SOT-89	5.0	0.1	0.001	0.014%	-	-40 to +125	1.34	1.19	1.03
511-LD2981CU50	LD2981CU50TR	SOT-89	5.0	0.1	0.001	0.014%	-	-40 to +125	.72	.64	.55
511-LDS3985M50R	LDS3985M50R	SOT-23-5L	5.0	0.3	0.0004	0.10%	0.01%	-40 to +125	.48	.43	.37

POSITIVE FIXED VOLTAGE REGULATORS FOR BATTERY CHARGER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics Part No.	Package	Output Voltage (V)	Output Current (A)	Dropout Voltage (Typ) (V)	Line Regulation (Max) (mV)	Load Regulation (Max) (mV)	Temperature Range (°C)	Price Each		
									1	10	100
Thru Hole											
511-PB137ACV	PB137ACV	TO-220AB	13.7	1.5	2.1	150	100	0 to +150	1.32	1.17	.926