

STMicroelectronics Voltage Regulators

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POSITIVE FIXED 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-L7808ACV	L7808ACV	TO-220AB	8.0	1.0	2.0	80	100	0 to +125	.59	.47	.35
511-L7808CV	L7808CV	TO-220AB	8.0	1.0	2.0	160	160	0 to +125	.69	.57	.441
511-L7808ABV	L7808ABV	TO-220AB	8.0	1.5	2.0	80	100	-40 to +125	.58	.50	.38
511-L7808ABV-DG	L7808ABV-DG	TO-220-3	8.0	1.5	2.0	80	100	-40 to +125	.75	.669	.497
511-L78M09CV	L78M09CV	TO-220AB	9.0	0.5	2.0	100	180	0 to +125	.69	.56	.42
511-L7809CP	L7809CP	Isowatt220AB	9.0	1.0	2.0	180	180	0 to +125	.52	.45	.33
511-L7809ABV	L7809ABV	TO-220AB	9.0	1.0	2.0	90	100	-40 to +125	.47	.455	.43
511-L7809CV	L7809CV	TO-220AB	9.0	1.0	2.0	180	180	0 to +125	.63	.52	.40
511-L78S09CV	L78S09CV	TO-220AB	9.0	2.0	-	130	130	0 to +125	.96	.82	.64
511-L78S10CV	L78S10CV	TO-220AB	10.0	2.0	-	200	150	0 to +125	.73	.637	.491
511-L78L12ABZ	L78L12ABZ	TO-92	12.0	0.1	1.7	250	100	-40 to +125	.30	.29	.27
511-L78L12ACZ	L78L12ACZ	TO-92	12.0	0.1	1.7	250	100	0 to +125	.42	.36	.23
511-L78M12CV	L78M12CV	TO-220AB	12.0	0.5	2.0	100	120	0 to +125	.59	.47	.35
511-L7812ABV	L7812ABV	TO-220AB	12.0	1.0	2.0	120	100	-40 to +125	.74	.64	.51
511-L7812ACV	L7812ACV	TO-220AB	12.0	1.0	2.0	120	100	0 to +125	.70	.62	.483
511-L7812CP	L7812CP	Isowatt220AB	12.0	2.0	2.0	240	240	0 to +125	.75	.65	.50
511-L7812CT	L7812CT	TO-3	12.0	1.0	2.0	240	240	0 to +125	3.35	2.98	2.45
511-L7812CV	L7812CV	TO-220AB	12.0	1.0	2.0	240	240	0 to +125	.63	.52	.39
511-L7812ACV-DG	L7812ACV-DG	TO-220	12.0	1.5	2.0	50	100	0 to +125	.78	.68	.51
511-L7812CV-DG	L7812CV-DG	TO-220-3	12.0	1.5	2.0	240	240	0 to +125	.59	.47	.35
511-L78S12CV	L78S12CV	TO-220AB	12.0	2.0	-	240	160	0 to +125	.78	.68	.51
511-L78L15ACZ	L78L15ACZ	TO-92	15.0	0.1	1.7	300	150	0 to +125	.45	.403	.30
511-L78M15ABV	L78M15ABV	TO-220AB	15.0	0.5	2.0	100	300	-40 to +125	.48	.41	.32
511-L7815ACV	L7815ACV	TO-220AB	15.0	0.5	2.0	150	100	0 to +125	.84	.746	.554
511-L78M15CV	L78M15CV	TO-220AB	15.0	0.5	2.0	100	300	0 to +125	.59	.47	.35
511-L7815ABV	L7815ABV	TO-220AB	15.0	1.0	2.0	150	100	-40 to +125	.81	.72	.58
511-L7815CP	L7815CP	Isowatt220AB	15.0	1.0	2.0	300	300	0 to +125	.61	.484	.363
511-L7815CT	L7815CT	TO-3	15.0	1.0	2.0	300	300	0 to +125	3.35	2.98	2.45
511-L7815CV	L7815CV	TO-220AB	15.0	1.0	2.0	300	300	0 to +125	.63	.52	.40
511-L7815CV-DG	L7815CV-DG	TO-220-3	15.0	1.5	2.0	300	300	0 to +125	.59	.47	.35
511-L78S15CV	L78S15CV	TO-220AB	15.0	2.0	-	300	180	0 to +125	.83	.69	.55
511-L7818CV	L7818CV	TO-220AB	18.0	1.0	2.0	360	360	0 to +125	.63	.52	.40
511-L78M24CV	L78M24CV	TO-220AB	24.0	0.5	2.0	100	480	0 to +125	.52	.45	.33
511-L7824CT	L7824CT	TO-3	24.0	1.0	2.0	480	480	0 to +125	3.35	2.98	2.45
511-L7824ACV	L7824ACV	TO-220AB	24.0	1.0	2.0	240	100	0 to +125	.70	.61	.47
511-L7824CV	L7824CV	TO-220AB	24.0	1.0	2.0	480	480	0 to +125	.63	.52	.40
511-L78S24CV	L78S24CV	TO-220AB	24.0	2.0	-	480	250	0 to +125	.70	.61	.47

POSITIVE FIXED LOW DROPOUT 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-LD1117ADT33-TR	LD1117ADT33TR	TO-252	1.2	0.8	1.1	6	10	0 to +125	.70	.60	.48
511-LD1117DT12	LD1117DT12TR	TO-252	1.2	0.8	1.1	6	10	0 to +125	.57	.46	.34
511-LD1117DT12CTR	LD1117DT12CTR	TO-252	1.2	0.8	1.1	0.20%	0.40%	-40 to +125	1.02	.88	.69
511-LD1117S12	LD1117S12TR	SOT-223	1.2	0.8	1.1	0.20%	0.40%	0 to +125	.37	.33	.28
511-LD1117AS12TR	LD1117AS12TR	SOT-223	1.2	1.0	1.1	6	10	0 to +125	.48	.42	.37
511-LD1117AS18TR	LD1117AS18TR	SOT-223	1.8	1.0	1.1	6	10	0 to +125	.85	.733	.55
511-LD1117S18-TR	LD1117S18TR	SOT-223	1.8	0.8	1.1	6	10	0 to +125	.37	.33	.28
511-LD1117DT18CTR	LD1117DT18CTR	TO-252	1.8	0.8	1.1	30	30	-40 to +125	.56	.47	.37
511-LD1117S18CTR	LD1117S18CTR	SOT-223	1.8	0.8	1.1	30	30	-40 to +125	.37	.33	.28
511-STLQ015XG25R	STLQ015XG25R	SOT-666	2.5	0.15	0.3	0.01%	0.002%	-40 to +125	.82	.67	.56
511-LD1117S25C	LD1117S25CTR	SOT-223	2.5	0.8	1.1	30	30	0 to +125	.37	.33	.28
511-LD1086DT25-TR	LD1086DT25TR	TO-252	2.5	1.5	1.3	4	8	-40 to +125	1.02	.90	.78
511-LD1086D2T25-TR	LD1086D2T25TR	TO-263	2.5	1.5	1.3	4	8	-40 to +125	1.02	.90	.78
511-STLQ50C33R	STLQ50C33R	SOT-323-5L	3.3	0.05	0.4	0.15%	0.30%	-40 to +150	.80	.70	.55
511-LK112M33	LK112M33TR	SOT-23-5L	3.3	0.1	0.24	20	30	-30 to +80	.75	.65	.51
511-STLQ015XG33R	STLQ015XG33R	SOT-666	3.3	0.15	0.3	0.01%	0.002%	-40 to +125	.82	.67	.56
511-LK112SM33	LK112SM33TR	SOT-23-5L	3.3	0.2	0.24	20	30	-30 to +80	.86	.75	.60
511-LD39050PU33R	LD39050PU33R	DFN-6	3.3	0.5	0.2	0.01%	0.002%	-40 to +125	.80	.71	.61
511-LD1117AS33	LD1117AS33TR	SOT-223	3.3	0.8	1.1	6	10	0 to +125	.48	.42	.37
511-LD1117D33-TR	LD1117D33TR	SO-8	3.3	0.8	1.1	6	10	0 to +125	.57	.47	.39
511-LD1117DT33C-TR	LD1117DT33CTR	TO-252	3.3	0.8	1.1	30	30	0 to +125	.57	.46	.34
511-LD1117S33	LD1117S33	SOT-223	3.3	0.8	1.1	6	10	0 to +125	.37	.33	.28
511-LD1117DT33-TR	LD1117DT33TR	SO-8	3.3	0.8	1.1	6	10	0 to +125	.57	.46	.34
511-LD1117D33-TR	LD1117D33TR	SO-8	3.3	0.8	1.1	6	10	-40 to +125	.57	.47	.39
511-LD1117S33C	LD1117S33C	SOT-223	3.3	0.8	1.1	30	30	-40 to +125	.37	.33	.28
511-LD1086D2T33-TR	LD1086D2T33TR	TO-252	3.3	1.5	1.3	6	10	-40 to +125	1.02	.90	.78
511-LD1086DT33-TR	LD1086DT33TR	TO-252	3.3	1.5	1.3	6	10	-40 to +125	1.02	.90	.78
511-LD1086D2M33-TR	LD1086D2M33TR	TO-263A	3.3	1.5	1.3	6	10	-40 to +125	1.12	.98	.67
511-LD1085D2T33-TR	LD1085D2T33R	TO-263	3.3	3.0	1.3	6	15	-40 to +125	1.07	.97	.82
511-LD1085D2M33-TR	LD1085D2M33R	TO-263A	3.3	3.0	1.3	6	15	-40 to +125	1.12	.99	.86
511-L5962	L5962	PowerSO-36	3.4	0.13	---	25	---	-40 to 85	10.23	9.20	7.15
511-LK112SM50	LK112SM50TR	SOT-23-5L	5.0	0.2	0.24	20	30	-30 to +80	.80	.69	.52
511-LD1117DT50C-TR	LD1117DT50CTR	TO-252	5.0	0.8	1.1	50	50	-40 to +125	.56	.47	.37
511-LD1117S50	LD1117S50TR	SOT-223	5.0	0.8	1.1	10	15	0 to +125	.37	.33	.28
511-LD1117S50C-TR	LD1117S50CTR	SOT-223	5.0	0.8	1.1	50	50	-40 to +125	.37	.33	.28
511-LD1086DT50TR	LD1086DT50TR	TO-252	5.0	1.5	1.3	10	20	-40 to +125	1.02	.90	.78
511-LD1086D2T50-TR	LD1086D2T50TR	TO-263	5.0	1.5	1.3	10	20	-40 to +125	1.02	.90	.78
511-L5957PD	L5957PD	PowerSO-20	9.0	Int. Limited	---	50	100	-40 to 85	6.32	5.68	4.67
511-L4949ED-E	L4949ED-E	SO-8	20.0	Int. Limited	0.1	20	30	-55 to 150	.94	.86	.72
Thru Hole											
511-LD1086V18	LD1086V18	TO-220AB	1.8	1.5	1.3	4	8	-40 to +125	1.02	.90	.78
511-LD1117V33	LD1117V33	TO-220AB	3.3	0.8	1.1	6	10	0 to +125	.42	.40	.38
511-LD1117V33C	LD1117V33C	TO-220AB	3.3	0.8	1.1	30	30	0 to +125	.61	.53	.41
511-LD1117AV33	LD1117AV33	TO-220AB	3.3	1.2	1.1	6	10	0 to +125	.85	.74	.56
511-LD1086V33	LD1086V33	TO-220AB	3.3	1.5	1.3	10	25	-40 to +150	.95	.83	.70