

# STMICROELECTRONICS Voltage Regulators



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

## POSITIVE ADJUSTABLE ULTRA LOW DROPOUT VOLTAGE REGULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM Part No.	Package	Output Voltage (V)	Output Current (A)	Input-Output Volt. Diff. (Max) (V)	Line Regulation %/V (Max)	Load Regulation %/V (Max)	Temperature Range (°C)	Price Each		
									1	10	100
<b>Surface Mount</b>											
511-LD39100PUR	LD39100PUR	DFN-6	-0.3 to 7.0	1.0	0.2	10	40	-40 to +125	.93	.83	.65
511-LD39150PT-R	LD39150PT-R	PPAK	1.22 to 5.0	1.5	----	0.04	0.04	-40 to +125	1.21	1.07	.92

## NEGATIVE FIXED VOLTAGE REGULATORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM 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
<b>Surface Mount</b>											
511-L79L05ACD-TR	L79L05ACD13TR	SO-8	5.0	0.1	1.7	150	60	0 to +125	.61	.48	.32
511-L79L05ACU	L79L05ACUTR	SOT-89	5.0	0.1	1.7	150	60	0 to +125	.59	.47	.35
<b>Thru Hole</b>											
511-L7912ACV-DG	L7912ACV-DG	TO-220	-12.0	1.5	1.4	240	240	-65 to +150	.62	.554	.473
511-L7915ACV-DG	L7915ACV-DG	TO-220	-15.0	1.5	1.4	300	300	-65 to +150	.66	.588	.502
511-L79L05ABU-TR	L79L05ABUTR	TO-92	5.0	0.1	1.7	200	60	-40 to +125	.50	.42	.31
511-L79L05ACZ	L79L05ACZ	TO-92	5.0	0.1	1.7	150	60	0 to +125	.39	.31	.22
511-L7905CV	L7905CV	TO-220AB	5.0	1.5	1.4	100	100	0 to +150	.63	.52	.40
511-L7912ACV	L7912ACV	TO-220AB	12.0	1.5	1.1	240	240	0 to +125	.53	.45	.35
511-L7912CV	L7912CV	TO-220AB	12.0	1.5	1.1	240	240	0 to +150	.63	.52	.40
511-L7915ACV	L7915ACV	TO-220AB	15.0	1.5	1.1	300	300	0 to +125	.57	.511	.436
511-L7915CV	L7915CV	TO-220AB	15.0	1.5	1.1	300	300	0 to +150	.64	.56	.42

## POSITIVE FIXED VOLTAGE REGULATORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STM 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
<b>Surface Mount</b>											
511-L78L33ABU-TR	L78L33ABUTR	SOT-89	3.3	0.1	1.7	150	100	-40 to +125	.51	.46	.34
511-L78L33ACD-TR	L78L33ACD13TR	SO-8	3.3	0.1	1.7	150	60	0 to +125	.51	.46	.34
511-L78L33ACU	L78L33ACUTR	SOT-89	3.3	0.1	1.7	150	60	0 to +125	.53	.436	.326
511-L78L05ABD-TR	L78L05ABD13TR	SO-8	5.0	0.1	1.7	150	60	-40 to +125	.54	.43	.28
511-L78L05ABU	L78L05ABUTR	SOT-89	5.0	0.1	1.7	150	60	-40 to +125	.51	.46	.34
511-L78L05ACU	L78L05ACUTR	SOT-89	5.0	0.1	1.7	150	60	0 to +125	.43	.39	.27
511-L78M05ACDT-TR	L78M05ACDT-TR	TO-252	5.0	0.5	2.0	100	100	0 to +125	.70	.59	.489
511-L7805ABD2T-TR	L7805ABD2T-TR	TO-263	5.0	1.0	2.0	50	100	-40 to +125	.85	.73	.60
511-L7805CD2T-TR	L7805CD2T-TR	TO-263	5.0	1.0	2.0	50	100	0 to +125	.76	.65	.51
511-L5150CJTR	L5150CJTR	PowerSSO-12	5.0	1.5	0.5	40	55	-40 to 150	1.31	1.17	1.01
511-L5150CSTR	L5150CSTR	SO-8	5.0	1.5	0.5	40	55	-40 to 150	1.21	1.08	.93
511-L5150BNTR	L5150BNTR	SOT-223	5.0	1.5	0.5	40	55	-40 to 150	1.05	.93	.80
511-L5150GJTR	L5150GJTR	PowerSSO-12	5.0	1.5	0.5	40	55	-40 to 151	1.35	1.20	1.04
511-L7805ACD2T-TR	L7805ACD2T-TR	TO-263	5.0	1.5	2.0	50	100	0 to +125	.78	.67	.53
511-L7805CDT-TR	L7805CDT-TR	TO-252	5.0	1.5	2.0	100	100	0 to +125	.91	.78	.59
511-L78L08ABD-TR	L78L08ABD13TR	SO-8	8.0	0.1	1.7	175	80	-40 to +125	.59	.45	.34
511-L78L08ABU	L78L08ABUTR	SOT-89	8.0	0.1	1.7	175	80	-40 to +125	.51	.46	.34
511-L78L09ACU	L78L09ACUTR	SOT-89	9.0	0.1	1.7	225	80	0 to +125	.53	.436	.326
511-L78L09ACD-TR	L78L09ACD13TR	SO-8	9.0	0.1	1.7	225	80	0 to +125	.51	.43	.324
511-L7809CD2T-TR	L7809CD2T-TR	TO-263	9.0	1.0	2.0	180	180	0 to +125	1.23	1.09	.811
511-L78M10ABDT-TR	L78M10ABDT-TR	TO-252	10.0	0.5	2.0	100	200	-40 to +125	.69	.56	.42
511-L78L12ACU	L78L12ACUTR	SOT-89	12.0	0.1	1.7	250	100	0 to +125	.53	.436	.326
511-L78L12ABD-TR	L78L12ABD-TR	SO-8	12.0	0.1	1.7	250	100	-40 to +125	.60	.51	.382
511-L78L12ABUTR	L78L12ABUTR	SOT-89	12.0	0.1	1.7	250	100	-40 to +125	.51	.46	.34
511-L79L12ACU-TR	L79L12ACUTR	SOT-89	12.0	0.1	1.7	250	100	-40 to +125	.50	.42	.31
511-L78M12ABDT-TR	L78M12ABDT-TR	TO-252	12.0	0.5	2.0	100	240	-40 to +125	.83	.733	.55
511-L78M12ACDT-TR	L78M12ACDT-TR	TO-252	12.0	0.5	2.0	100	240	0 to +125	.70	.60	.47
511-L78M12CDT-TR	L78M12CDT-TR	TO-252	12.0	0.5	2.0	100	240	0 to +125	.59	.45	.34
511-L7812ABD2T-TR	L7812ABD2T-TR	TO-263	12.0	1.0	2.0	120	100	-40 to +125	1.36	1.20	.894
511-L7812ACD2T-TR	L7812ACD2T-TR	TO-263	12.0	1.0	2.0	120	100	0 to +125	.94	.828	.64
511-L7812CD2T-TR	L7812CD2T-TR	TO-263	12.0	1.5	2.5	120	100	0 to +125	.83	.752	.55
511-L78L15ABU-TR	L78L15ABUTR	SOT-89	15.0	0.1	1.7	300	150	-40 to +125	1.00	.888	.66
511-L78L15ACU-TR	L78L15ACUTR	SOT-89	15.0	0.1	1.7	300	150	0 to +125	.63	.52	.39
511-L78M15CDT-TR	L78M15CDT-TR	TO-252	15.0	0.5	2.0	100	300	0 to +125	.78	.67	.53
511-L7815ABD2T-TR	L7815ABD2T-TR	TO-263	15.0	1.0	2.0	150	100	-40 to +125	.80	.71	.54
511-L7815CD2T-TR	L7815CD2T-TR	TO-263	15.0	1.5	2.5	150	150	0 to +125	.80	.71	.54
511-L7824CD2T-TR	L7824CD2T-TR	TO-263	24.0	1.5	1.7	150	150	0 to +125	.85	.761	.703
<b>Thru Hole</b>											
511-L7905CV-DG	L7905CV-DG	TO-220	-5.0	1.5	2	100	100	0 to +125	.59	.47	.35
511-L7912CV-DG	L7912CV-DG	TO-220	-12.0	1.5	2	240	240	0 to +125	.59	.47	.35
511-L7915CV-DG	L7915CV-DG	TO-220	-15.0	1.5	2	300	300	0 to +125	.51	.46	.392
511-L78L33ABZ-AP	L78L33ABZ-AP	TO-92	3.3	0.1	1.7	150	100	-40 to +125	.59	.45	.34
511-L78L33ACZ	L78L33ACZ	TO-92	3.3	0.1	1.7	150	60	0 to +125	.49	.38	.26
511-L78L05ABZ	L78L05ABZ	TO-92	5.0	0.1	1.7	150	60	-40 to +125	.30	.29	.27
511-L78L05ACZ	L78L05ACZ	TO-92	5.0	0.1	1.7	150	60	0 to +125	.45	.35	.255
511-L7805ABP	L7805ABP	TO-220FP	5.0	0.5	2.0	100	100	-40 to +125	1.10	.98	.728
511-L78M05ABV	L78M05ABV	TO-220AB	5.0	0.5	2.0	100	100	-40 to +125	.65	.54	.40
511-L78M05CV	L78M05CV	TO-220AB	5.0	0.5	2.0	100	100	0 to +125	.68	.57	.42
511-L7805ABV	L7805ABV	TO-220AB	5.0	1.0	2.0	50	100	-40 to +125	.58	.50	.38
511-L7805ACP	L7805ACP	Isowatt220AB	5.0	1.0	2.0	50	100	0 to +125	.78	.67	.53
511-L7805ACV	L7805ACV	TO-220AB	5.0	1.0	2.0	50	100	0 to +125	.52	.45	.33
511-L7805CP	L7805CP	Isowatt220AB	5.0	1.0	2.0	100	100	0 to +125	.78	.67	.53
511-L7805CV	L7805CV	TO-220AB	5.0	1.0	2.0	100	100	0 to +150	.57	.48	.362
511-L7805T	L7805T	TO-3	5.0	1.5	2.0	50	100	-55 to +150	3.82	3.41	2.79
511-L7805CV-DG	L7805CV-DG	TO-220-3	5.0	1.5	2	100	100	0 to +125	.69	.56	.42
511-L78S05CV	L78S05CV	TO-220AB	5.0	2.0	----	100	100	0 to +125	.74	.64	.51
511-L78L06ABZ	L78L06ABZ	TO-92	6.0	0.1	1.7	150	60	-40 to +125	.30	.29	.27
511-L7806ABV	L7806ABV	TO-220AB	6.0	1.5	2.0	60	100	-40 to +125	.75	.669	.497
511-L7806CV	L7806CV	TO-220AB	6.0	1.5	2.0	120	120	0 to +125	.53	.44	.33
511-L7806CV-DG	L7806CV-DG	TO-220-3	6.0	1.5	2	120	120	0 to +125	.59	.47	.35
511-L78S75CV	L78S75CV	TO-220AB	7.5	2.0	----	120	120	0 to +125	.85	.73	.60
511-L78L08ACZ	L78L08ACZ	TO-92	8.0	0.1	1.7	175	80	0 to +125	.42	.36	.23