

STMICROELECTRONICS Controllers and Regulators



life . augmented

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

PROGRAMMABLE POSITIVE ADJUSTABLE VOLTAGE REGULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics 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
Thru Hole											
511-LM723CN	LM723CN	DIP-14	2-37	0.15	-	0.5	0.6	0 to 70	.55	.465	.30

NEGATIVE ADJUSTABLE VOLTAGE REGULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics 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
Thru Hole											
511-L200CV	L200CV	Pentawatt	2.85-36	2.0	60	-	1.4	-25 to 150	3.39	2.88	2.49

POSITIVE ADJUSTABLE VOLTAGE REGULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	STMicroelectronics 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
Surface Mount											
511-LM217LD13TR	LM217LD13TR	SO-8	1.2-37	0.1	40	0.02	0.015	-25 to 150	.50	.385	.209
511-LM317LD13TR	LM317LD13TR	SO-8	1.2-37	0.1	40	0.02	0.3	0 to 125	.40	.306	.166
511-LM217D2T-TR	LM217D2T-TR	TO-263	1.2-37	1.5	40	0.02	0.015	-25 to 150	.85	.728	.559
511-LM317D2T-TR	LM317D2T-TR	TO-263	1.2-37	1.5	40	0.04	0.5	0 to 125	.78	.651	.42
511-LM317MDT-TR	LM317MDT-TR	TO-252	1.2-37	1.5	40	0.04	0.5	0 to 125	.43	.357	.218
Thru Hole											
511-LM217T	LM217T	TO-220AB	1.2-37	1.5	40	0.02	0.015	-25 to 150	.77	.645	.416
511-LM317P	LM317P	TO-220FP	1.2-37	1.5	40	0.04	0.5	0 to 125	.90	.77	.591
511-LM317T	LM317T	TO-220AB	1.2-37	1.5	40	0.04	0.5	0 to 125	.52	.433	.264
511-LM317T-DG	LM317T-DG	TO-220	1.2-37	1.5	40	0.04	0.5	0 to 125	.65	.546	.352

POSITIVE ADJUSTABLE 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)	Line Regulation (%/V) (Max.)	Load Regulation (%/V) (Max.)	Temperature Range (°C)	Price Each		
								1	10	100
Surface Mount										
511-LD39200DPUR	LD39200DPUR	DFN-EP-8	0-3-2	2	0.01	0.1	-40 to 125	1.55	1.25	1.00
511-LDK120C-R	LDK120C-R	SOT-323-5	0.3-2.5	0.2	0.05	0.006	-40 to 125	.70	.589	.38
511-LDK120M-R	LDK120M-R	SOT-323-5L	0.8-3.5	0.2	50	0.006	-40 to 125	.70	.589	.38
511-LD39050PUR	LD39050PUR	DFN-6	0.8-7	0.5	0.01	0.02	-40 to 125	1.03	.882	.677
511-LD1117D-T-TR	LD1117D-T-TR	TO-252	1.25-15	0.8	0.2	0.4	0 to 125	.39	.329	.20
511-LD1117S-TR	LD1117S-TR	SOT-223	1.25-15	0.8	0.2	0.4	0 to 125	.45	.345	.187
511-LD1117SC-R	LD1117SC-R	SOT-223	1.25-15	0.8	0.2	0.4	-40 to 125	.46	.354	.192
511-LD1086PUR	LD1086PUR	DFN-8	1.8-12	1.5	0.004	0.016	-40 to 125	1.47	1.26	.968
511-ST715MR	ST715MR	DFN-8	2.5-24	0.85	0.004	0.004	-40 to 125	.71	.592	.382
511-LD1086DT-TR	LD1086DT-TR	TO-252	2.85-30	1.5	0.2	0.3	-40 to 125	1.46	1.25	.961
511-LD1085D2T-TR	LD1085D2T-TR	TO-263	2.85-30	3.0	0.2	0.3	-40 to 125	1.49	1.27	.983
Thru Hole										
511-LD1085V	LD1085V	TO-220AB	2.85-30	3.0	0.2	0.3	-40 to 125	1.77	1.51	1.20
511-LD1084V	LD1084V	TO-220AB	2.85-30	5.0	0.2	0.3	-40 to 125	1.45	1.23	.95

HIGH ACCURACY VERY LOW DROPOUT FIXED 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.) (mV)	Line Regulation (%/V) (Max.)	Load Regulation (%/V) (Max.)	Temperature Range (°C)	Price Each		
									1	10	100
Surface Mount											
511-LD39130SJ10R	LD39130SJ10R	FlipChip-4	1.0	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ12R	LD39130SJ12R	FlipChip-4	1.2	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ18R	LD39130SJ18R	FlipChip-4	1.8	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ25R	LD39130SJ25R	FlipChip-4	2.5	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ29R	LD39130SJ29R	FlipChip-4	2.9	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ30R	LD39130SJ30R	FlipChip-4	3.0	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ33R	LD39130SJ33R	FlipChip-4	3.3	3	300	0.02	1.5	-40 to 125	1.04	.84	.645
511-LD39130SJ41R	LD39130SJ41R	FlipChip-4	4.1	3	300	0.02	1.5	-40 to 125	1.04	.84	.645

POSITIVE ADJUSTABLE VERY 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)	Input-Output Volt. Diff. (Max.) (V)	Line Regulation (%/V) (Max.)	Load Regulation (%/V) (Max.)	Temperature Range (°C)	Price Each		
									1	10	100
Surface Mount											
511-LDK130PU-R	LDK130PU-R	DFN-6	0.8-3.5	3	400	0.05	0.006	-40 to 125	.47	.394	.24
511-LDFPUR	LDFPUR	DFN-6	0.8-12	1	500	0.01	0.2	-40 to 125	1.31	1.12	.86
511-LDFMPT-TR	LDFMPT-TR	PPAK-5	0.8-12	5	300	0.01	0.06	-40 to 125	1.31	1.12	.86
511-LDK220M-R	LDK220M-R	SOT-23-5L	1.2-12	2	350	0.001	0.01	-40 to 125	.88	.738	.476
511-LDK220PU-R	LDK220PU-R	DFN-6	1.2-12	2	350	0.001	0.001	-40 to 125	.88	.738	.476
511-LDK120PU-R	LDK120PU-R	DFN-6	1.9-5.5	0.2	-	0.05	0.006	-40 to 125	.70	.589	.38
511-LD29300P2MTR	LD29300P2MTR	TO-263A	2.5 (Min.)	3.0	-	1	0.5	-40 to 125	1.44	1.23	.948
511-LDK220M33R	LDK220M33R	SOT-23-5L	3.3	2	350	0.001	0.001	-40 to 125	.55	.465	.30
511-LDK220M36R	LDK220M36R	SOT-23-5L	3.6	2	350	0.001	0.001	-40 to 125	.55	.465	.30
511-LDK220C50R	LDK220C50R	SOT-323-5L	5	2	350	0.001	0.001	-40 to 125	.55	.465	.30
511-LDK220M50R	LDK220M50R	SOT-23-5L	5	2	350	0.001	0.001	-40 to 125	.55	.465	.30

POSITIVE ADJUSTABLE ULTRA 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)	Input-Output Volt. Diff. (Max.) (V)	Line Regulation (%/V) (Max.)	Load Regulation (%/mA) (Max.)	Temperature Range (°C)	Price Each		
									1	10	100
Surface Mount											
511-LD39100PUR	LD39100PUR	DFN-6	-0.3-7.0	1.0	0.2	0.01	0.002	-40 to 125	.82	.70	.538
511-ST1L08SPUR	ST1L08SPUR	DFN-EP-8	0.5-4.0	0.8	-	0.002	0.0002	-40 to 125	1.55	1.25	1.00
511-LD39150PT-R	LD39150PT-R	PPAK	1.22-5.0	1.5	-	0.04	0.04	-40 to 125	1.25	1.06	.819
511-LDK130C-R	LDK130C-R	SOT-323-5	1.9-5.5	0.3	-	0.05	0.006	-40 to 125	.47	.394	.24
511-LDK130M-R	LDK130M-R	SOT-23-5	1.9-5.5	0.3	-	0.05	0.006	-40 to 125	.47	.394	.24

Power Management
STMicroelectronics