

IC for Power Management

Voltage Comparator

Part No.	Features	Vcc	Package
		P _D (mW)	
LM393	Dual Differential Comparators	2V ~ 36V or ±18V	DIP-8 SOP-8 TSSOP-8
		600mW/420mW/350mW	
LM339	Quad Differential Comparators	2V ~ 36V or ±18V	DIP-14 SOP-14 TSSOP-14
		760mW/560mW/440mW	
TS391/A/B/C	Low Power Single Voltage Comparator	2V ~ 36V or ±18V	SOT-25 SOT-353
		500mW	
LMV393	Dual General Purpose, Low Voltage, TinyPack Comparators	2.7V ~ 5V	DIP-8 SOP-8 MSOP-8
		-	
LMV339*	Quad General Purpose, Low Voltage, TinyPack Comparators	2.7V ~ 5V	DIP-14 SOP-14 TSSOP-14
		-	

Operational Amplifier

Single Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
M2107	Single Operational Amplifier	±1.0V ~ ±3.5V or 7.0V	SOT-25
		-	
M2136	Ultra Wide Band, High Slew Rate Single Operational Amplifier	±1.35V ~ ±6.75V	SOP-8 TSSOP-8
		200MHz	
M2110	Monaural MIC Amplifier	2.7V ~ 7V	SOP-8 TSSOP-8
		-	
M2125	Single-Supply Operational Amplifier	±2.7V ~ 20V	SOT-25
		1.2MHz (Unity)	
LM318	High-Speed Single Operational Amplifier	±5V ~ ±20V	DIP-8 SOP-8
		15MHz (Small Signal)	

Dual Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
M2100	Dual Operational Amplifier	$\pm 1.0V \sim \pm 3.5V$ or 7.0V	DIP-8 SOP-8 TSSOP-8
		12MHz	
M2115	Dual Operational Amplifier	$\pm 1.0V \sim \pm 7.0V$	DIP-8 SOP-8 TSSOP-8
		12MHz	
M2137*	Ultra Wide Band, High Slew Rate Operational Amplifier	$\pm 1.35V \sim \pm 6.75V$	DIP-8 SOP-8 TSSOP-8
		200MHz	
3308	Dual High Current Operational Amplifier	$\pm 1.5V \sim \pm 7.5V$ or 15V	DIP-8 SOP-8 TSSOP-8
		1.3MHz (Unity)	
3414	Dual High Current Operational Amplifier	$\pm 1.5V \sim \pm 7.5V$ or 15V	DIP-8 SOP-8 TSSOP-8
		1.3MHz (Unity)	
MC4556	Dual High Current Operational Amplifier	$\pm 2V \sim \pm 18V$	DIP-8 SOP-8
		8MHz	
MC4580	Dual Operational Amplifier	$\pm 2V \sim \pm 18V$	DIP-8 SOP-8
		15MHz	TSSOP-8 MSOP-8
UC27L2*	High Input Independence, High Gain, Low Frequency, Extremely Low Power, Single Supply Dual Operational Amplifier	3V ~ 16V	DIP-8 SOP-8
		110KHz	
3422	High Performance Dual Operational Amplifier	3V ~ 36V or $\pm 18V$	DIP-8 SOP-8
		25MHz	
LM358	Low Power Dual Operational Amplifier	3V ~ 32V or $\pm 16V$	DIP-8 SOP-8 SIP-9
		-	MSOP-8 TSSOP-8
M2904	Low Power Dual Operational Amplifier	3V ~ 32V or $\pm 16V$	DIP-8 SOP-8 TSSOP-8
		0.2MHz (Unity)	MSOP-8
MC34072	High Slew Rate, Wide Bandwidth, Single Supply Operational Amplifier	3V ~ 44V	DIP-8 SOP-8
		4.5MHz	
3404	Dual Operational Amplifier	4V ~ 36V or $\pm 18V$	DIP-8 SOP-8 TSSOP-8
		1.2MHz (Unity)	
M4565	Dual Operational Amplifier.	$\pm 4V \sim \pm 18V$	DIP-8 SOP-8 TSSOP-8
		4MHz	
MC4560	Dual Operational Amplifier	$\pm 4V \sim \pm 18V$	DIP-8 SOP-8
		10MHz	
MC1458	Dual Operational Amplifier	$\pm 22.0V$	DIP-8 SOP-8
		1MHz	
MC4558	Dual Wide Bandwidth Operational Amplifier	$\pm 22.0V$	DIP-8 SOP-8
		2.8MHz (Unity)	TSSOP-8 SIP-9

Quad Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
LM224	Quad Operational Amplifier	3V ~ 32V	DIP-14 SOP-14 TSSOP-14
		-	
LM324	Low Power Quad Operational Amplifier	3V ~ 40V or $\pm 20V$	DIP-14 SOP-14 TSSOP-14
		-	
MC34074	High Slew Rate, Wide Bandwidth, Single Supply Operational Amplifier	3V ~ 44V	DIP-14 SOP-14
		4.5MHz	

IC for Power Management

Low Voltage Rail to Rail Output Single Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
LV721*	Low Voltage Rail to Rail Output Operational Amplifier	2.2V~5.5V	SOT-25
		10MHz	
LV821*	Low Voltage Rail to Rail Output Operational Amplifier	2.5V~5.5V	SOT-25
		5MHz	
LV321	Low Voltage Rail to Rail Output Operational Amplifier	2.7V~5.5V	SOT-25 SOT-353
		1MHz	
LLV321	Low Voltage Rail to Rail Output Operational Amplifier	2.7V~6V	SOT-25
		1.4MHz	
PA3211	Rail to Rail Output and High Slew Rate OP AMP	3V~5.5V	SOT-25
		6.5MHz	

Low Voltage Rail to Rail Output Dual Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
OPA2336	Single-Supply Micropower CMOS Operational Amplifier	2.3V~5.5V	SOP-8
		100KHz	
LV2622	Low Voltage Rail to Rail Output Operational Amplifier	2.5V ~ 5.5V	SOP-8
		3MHz	
LV358	Low Voltage Rail to Rail Output Operational Amplifier	2.7V ~ 5.5V	SOP-8 TSSOP-8 MSOP-8
		1MHz	

Low Voltage Rail to Rail Output Quad Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
LV324*	Low Voltage Rail to Rail Output Operational Amplifier	2.7V ~ 5.5V	DIP-8 SOP-8 TSSOP-8
		1MHz	

Dual Operational Amplifier with JFET Input

Part No.	Features	Vcc	Package
		Bandwidth	
TL062	Low Power Dual J-FET Operational Amplifier	±18.0V	DIP-8 SOP-8
		1MHz	
TL072	Low Noise Dual J-FET Operational Amplifier	±18.0V	DIP-8 SOP-8 TSSOP-8
		4MHz	
TL082	General Purpose Dual J-FET Operational Amplifier	±18.0V	DIP-8 SOP-8 TSSOP-8
		4MHz	

Quad Operational Amplifier with JFET Input

Part No.	Features	Vcc	Package
		Bandwidth	
TL064*	Low Power Quad J-FET Operational Amplifier	±18.0V	DIP-14 SOP-14
		1MHz	
TL074	Low Noise Quad J-FET Operational Amplifier	±18.0V	DIP-14 SOP-14
		3MHz	
TL084	Low Noise Quad J-FET Operational Amplifier	±18.0V	DIP-14 SOP-14
		1MHz	

Low Voltage Rail to Rail I/O Dual Operational Amplifier

Part No.	Features	Vcc	Package
		Bandwidth	
V2460*	Low Power Rail-to-Rail Input/Output Single Operational Amplifier with Shutdown	2.7V~6V	SOT-26 SOP-8 MSOP-8
		6.4MHz	
V2461*	Low Power Rail-to-Rail Input/Output Single Operational Amplifier	2.7V~6V	SOT-25 SOP-8 MSOP-8
		6.4MHz	
V2462*	Low Power Rail-to-Rail Input/Output Dual Operational Amplifier	2.7V~6V	SOP-8 MSOP-8
		6.4MHz	
V2463*	Low Power Rail-to-Rail Input/Output Dual Operational Amplifier with Shutdown	2.7V~6V	MSOP-10 SOP-10 SOP-14
		6.4MHz	
V2464*	Low Power Rail-to-Rail Input/Output Quad Operational Amplifier	2.7V~6V	SOP-14
		6.4MHz	
V2465*	Low Power Rail-to-Rail Input/Output Quad Operational Amplifier with Shutdown	2.7V~6V	SOP-16
		6.4MHz	

High Voltage Rail to Rail I/O Dual Operational Amplifier

Part No.	Features	V _{CC}	Package
		Bandwidth	
L6132*	Low Power 10 MHz Rail-to-Rail Input/Output Dual OP, with Wide Supply Range 2.7V to 24V	1.8V ~ 24V	SOP-8 DIP-8
		10MHz	

Linear Regulators

Standard Regulator(0.1A~0.2A)

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(mA)	V _D (Max)(V)	PSRR(Typ)	Package
78LXX	0.1A Positive Fixed Linear Regulator	6.7V ~ 35V	5.0V ~ 24V	6mA	1.7V(Typ)	70 dB	SOP-8 SOT-89 TO-92
LM317L	0.1A Positive ADJ Linear Regulator	3.0V ~ 40V	1.25V ~ 37V	50uA(Typ)	-	65 dB	SOP-8 TO-92
UC723	0.15A Positive ADJ Linear Regulator	9.5V ~ 40V	2.0V ~ 37V	3.5mA	-	65 dB	DIP-14
78LXXM	0.2A Positive Fixed Voltage Regulator	6.7V ~ 35V	5.0V ~ 24V	6.5mA	1.7V(Typ)	43 dB	SOP-8 SOT-89 SOT-223 TO-92 TO-92NL
78NXX	0.3A Positive Fixed Voltage Regulator	6.7V ~ 35V	5.0V ~ 24V	6.5mA	1.7V(Typ)	43 dB	SOT-89
79LXX	0.1A Negative Fixed Linear Regulator	-7V ~ -35V	-5.0V ~ -24V	6mA	1.7V(Typ)	70 dB	SOP-8 SOT-89 TO-92
79LXXM*	0.2A Negative Fixed Voltage Regulator	-7V ~ -35V	-5.0V ~ -24V	2mA	1.7V(Typ)	43 dB	SOP-8 SOT-89 SOT-223 TO-92 TO-92NL

Standard Regulator(0.5A)

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(mA)	V _D (Max)(V)	PSRR(Typ)	Package
78DXX	0.5A Positive Fixed Voltage Regulator	6.7V ~ 40V	5.0V ~ 18V	8mA	2.0V(Typ)	57 dB	SOT-223 TO-251 TO-252 TO-252-3
78MXX	0.5A Positive Fixed Voltage Regulator	7.0V ~ 40V	5.0V ~ 18V	6mA	2.0V(Typ)	62 dB	TO-126 TO-126C TO-220 TO-220F TO-92
78TXX	0.5A Positive Fixed Voltage Regulator	6.7V ~ 40V	5.0V ~ 18V	8mA	2.0V(Typ)	57 dB	TO-263 TO-263-3
LM317M	0.5A Positive ADJ Voltage Regulator	3V ~ 40V	1.25V ~ 37V	0.1mA	-	65 dB	SOT-223 TO-252 TO-220
79DXX	0.5A Negative Fixed Voltage Regulator	-7V ~ -35V	-5.0V ~ -24V	8mA	2.0V(Typ)	57 dB	TO-251 TO-252
79MXX*	0.5A Negative Fixed Voltage Regulator	-7.0V ~ -40V	-5.0V ~ -24V	4mA	2.0V(Typ)	62 dB	TO-126 TO-220

Standard Regulator(1.0A~1.5A)

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(mA)	V _D (Max)(V)	PSRR(Typ)	Package
78DXXA	1.0A Positive Fixed Voltage Regulator	6.7V ~ 40V	5.0V ~ 24V	8mA	2.0V(Typ)	80 dB	TO-252
LM78XX	1.0A Positive Fixed Voltage Regulator	6.7V ~ 40V	5.0V ~ 24V	8mA	2.0V(Typ)	80 dB	TO-220 TO-220F
78TXXA	1.0A Positive Fixed Voltage Regulator	6.7V ~ 40V	5.0V ~ 24V	8mA	2.0V(Typ)	80 dB	TO-263 TO-263-3
LM317	1.0A Positive ADJ Voltage Regulator	3.0V~ 40V	1.25V ~ 37V	0.1mA	-	80 dB	SOT-223 TO-252 TO-263 TO-220 TO-220F TO-3
LM317A	1.5A Positive ADJ Voltage Regulator	3.0V~40V	1.25V ~ 37V	0.1mA	-	80 dB	SOT-223 TO-252 TO-220 TO-263
79DXXA*	1.0A Negative Fixed Voltage Regulator	-5.3V ~ -40V	-5.0V ~ -18V	8mA	2.0V(Typ)	59 ~ 75 dB	TO-252
LM79XX	1.0A Negative Fixed Voltage Regulator	-7.0V ~ -40V	-5.0V ~ -24V	6mA	2.0V(Typ)	60 dB	TO-220 TO-220F
79TXXA	1.0A Negative Fixed Voltage Regulator	-7.0V ~ -40V	-5.0V ~ -24V	6mA	2.0V(Typ)	60 dB	TO-263 TO-263-3

IC for Power Management

Low Dropout Linear Regulators

0.1A~8A LDO Voltage Regulator / $V_D(1.0V\sim1.5V)$

Part No.	Features	$V_{IN}(\text{Range})$	V_{OUT}	$I_O(\text{Max})(\text{mA})$	$V_D(\text{Max})(\text{V})$	PSRR(Typ)	Package
UR132	0.2A(Io) Low Dropout Fixed & ADJ Voltage Regulator	3V~12V	1.2V~3.0V 3.3V~5.0V& ADJ	3mA 5mA	1.5V 1.3V	-	SOT-23 SOT-25
UR133	0.3A(Io) Low Dropout Fixed & ADJ Voltage Regulator	3V~12V	1.5V~ 3.0V& ADJ 3.3V~5.0V	5mA	1.5V 1.3V	-	SOT-89 SOT-223 TO-92
UR133A	0.5A(Io) Low Dropout Fixed & ADJ Voltage Regulator	3V~12V	1.5V~ 3.0V& ADJ 3.3V~5.0V	5mA	1.5V 1.3V	-	SOT-89 SOT-223 TO-92
UR233	0.8A(Io) Low Dropout Fixed & ADJ Voltage Regulator	3V~12V	1.7V~5V & ADJ	10mA	1.5V	75 dB	SOP-8 SOT-89 SOT-223 TO-252 TO-220 TO-263 TO-263-3
LD1117	0.8A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.5V~15V	1.2V~5V & ADJ	10mA	1.3V	75 dB	SOP-8 SOT-89 SOT-223 TO-252 TO-220 TO-263 TO-263-3
LD2117	0.8A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.5V~15V	1.2V~5V & ADJ	0.5mA	1.3V	75 dB	SOT-223
LD1117A	1.0A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.5V~15V	1.2V~5V & ADJ	10mA	1.3V	75 dB	SOP-8 SOT-89 SOT-223 TO-252 TO-220 TO-220F TO-263 TO-263-3
LD2117A	1.0A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.5V~15V	1.2V~5V & ADJ	0.5mA	1.3V	75 dB	SOT-223
UZ1086	1.5A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.75V~7V	1.8V~5V & ADJ	13mA	1.5V	72 dB	SOT-223 TO-252 TO-220 TO-263 TO-263-3
U587	3.0A(Io) Low Dropout Positive Fixed & ADJ Voltage Regulator	2.6V~7V	3.3V & ADJ	13mA	1.35V	72 dB	TO-252 TO-220 TO-263 TO-263-3
UZ1085	3.0A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.75V~12V	1.5V~5V & ADJ	13mA	1.4V	72 dB	TO-252 TO-220 TO-263 TO-263-3
UZ2085	3.0A(Io) Low Dropout Fixed & ADJ Voltage Regulator	2.75V~12V	1.5V~5V & ADJ	0.5mA	1.4V	75 dB	TO-252
U585	5.0A(Io) Low Dropout Positive Fixed & ADJ Voltage Regulator	2.6V~7V	3.3V & ADJ	13mA	1.35V	72 dB	TO-252 TO-220 TO-263 TO-263-3
UZ1084	5.0A(Io) Low Dropout Linear Fixed & ADJ Voltage Regulator	2.75V~15V	1.5V~5V & ADJ	13mA	1.5V	-	TO-252 TO-220 TO-220F TO-263 TO-263-3
U584	8.0A(Io) Low Dropout Positive Fixed & ADJ Voltage Regulator	2.6V~7V	3.3V & ADJ	13mA	1.35V	72 dB	TO-252 TO-220 TO-263 TO-263-3

Super Low Dropout Voltage Regulator

(0.1A~0.3A) Regulator / $V_D(0.1V\sim0.5V)$

Part No.	Features	$V_{IN}(\text{Range})$	V_{OUT}	$I_O(\text{Max})(\text{mA})$	$V_D(\text{Max})(\text{V})$	PSRR(Typ)	Package
LP2950/2951	0.1A(Io) Low Dropout Positive Adjustable Voltage Regulator with On/Off Control and Flag Signal	3.1V~30V	2.5V, 3V, 3.3V, 3.6V, 5V	14mA	0.6V	-	DIP-8 SOP-8 TO-92 TO-252
L2949E	0.1A(Io) Multifunction Very Low Dropout Voltage Regulator	5V~28V	ADJ	0.3mA	0.5V	-	DIP-8 SOP-8 SOP-20
LD1985	0.15A(Io) Low-Noise Ultra Low-Dropout Regulator	2.5V~7V	1.5V, 1.8V, 2.5V, 2.8V, 2.85V, 3V, 3.1V, 3.2V, 3.3V, 3.5V, 3.6 V, 3.8V, 4.0V, 4.7V, 5V	3mA	0.35V	45 dB	SOT-25
LD2985	0.15A(Io) Low-Noise Ultra Low-Dropout Regulator	2.5V~16V	1.5V, 1.8V, 2.5V, 2.8V, 2.85V, 3V, 3.1V, 3.2V, 3.3V, 3.5V, 3.6 V, 3.8V, 4V, 4.7V, 5V	3mA	0.35V	45 dB	SOT-25
LD3870	0.15A(Io) Low-Noise Ultra Low-Dropout Regulator	1.7V~14V	1.5V~5V	0.3mA	0.2V	60 dB	SOT-25
M2950	0.2A(Io) Low Dropout Positive Voltage Regulator	3.1V~30V	2.5V, 3.0V, 3.3V, 3.6V, 5V	22mA	0.6V	-	DIP-8 SOP-8 TO-92
M2951	0.2A(Io) Low Dropout Adjustable Voltage Regulator Controlled Shutdown and Error Flag Available	3.1V~30V	ADJ	22mA	0.6V	-	DIP-8 SOP-8 TO-92
LM2954	0.3A(Io) Low Dropout Fixed and Adjustable Voltage Regulator Controlled Shutdown and Error Flag Available	1.9V~18V	ADJ, 3.3V, 5V	14mA	0.6V	-	DIP-8 SOP-8 SOT-223 TO-92
LR478	0.4A(Io) Voltage Regulator+Reset IC	0V~10V	2.5V, 3.3V, 3.4V	8mA	0.3V	80 dB	SOP-8

(0.5A~5.0A) Regulator / $V_D(0.4V\sim0.6V)$

Part No.	Features	V_{IN} (Range)	V_{OUT}	I_O (Max)(mA)	V_D (Max)(V)	PSRR(Typ)	Package
LM2937	0.5A(Io) Low Dropout Fixed Voltage Regulator	4.3V~26V	3.3V,5V,8V,10V,12V,15V	10mA	1V	-	TO-220 TO-263 TO-263-3 TO-263-5
R1MX55	0.5A(Io) Low Dropout Voltage Regulator (Built-in ON/OFF Function)	2.6V~9V	1.3V~5V	1.2mA	0.7V	55 dB	SOT-89-5
LR1116/B	0.8/0.5A(Io) Low Dropout Fixed Voltage Regulator	2.6V~15V	1.2V,1.5V,1.8V,2.5V,2.85V,3V,3.3V,3.6V,5V	10mA	1.4V	75 dB	SOP-8 SOT-89 SOT-223 TO-220 TO-252 TO-263 TO-263-3
LR1118	1.0A(Io) Low Dropout Fixed Voltage Regulator	2.4V~15V	1.2V,1.5V,1.8V,2.5V,2.85V,3V,3.3V,3.6V,5V	10mA	1.2V	75 dB	SOP-8 SOT-223 TO-220 TO-252 TO-263 TO-263-3
LM2940	1.0A(Io) Low Dropout Fixed Voltage Regulator	5.8V~26V	5V,6V,8V,9V,10,12V,15V	15mA	0.8V	72 dB	SOT-223 TO-220 TO-252 TO-263 TO-263-3
78RXX	1.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	3.8V~25V	3.3V,5V,9V,12V,ADJ	10mA	0.5V	55 dB	TO-252-5 TO-220F-4 TO-220B
R070LD10	1.0A(Io) Low Dropout Voltage Regulator with ON/OFF Function (No oscillation when both Cin and Cout are removed)	2.35V~10V	1.5V~7V & ADJ	2mA	0.5V	60 dB	TO-252-4
R200LD10	1.0A(Io) Low Dropout Voltage Regulator (Built-in ON/OFF Function)	3.5V~24V	3V~20V	8mA	0.5V	60 dB	TO-252-4 TO-252-5
RXXLD10	1.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	2.35V~18V	1.5V,1.8V,2.5V,3V, 3.3V,5V,12V	2mA	0.5V 0.75V	60 dB	TO-252-4 TO-252-5
M29150A/B	1.5A(Io) Low Dropout Fixed Voltage Regulator	5.7V~30V	5V ADJ	80mA	0.7V	64 dB	TO-252-4 TO-252-5
278RXX*	2.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	3.8V~25V	3.3V,5V,9V,12V,ADJ	10mA	0.5V	55 dB	TO-252-5 TO-220F-4 TO-220B
RXXLD20	2.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	3.8V~20V	3.3V,3.5V,5V,6V,9V,12V	10mA	0.5V	55 dB	TO-220B TO-220F-4
378RXX*	3.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	3.8V~25V	3.3V,5V,9V,12V,ADJ	10mA	0.5V	55 dB	TO-252-5 TO-220F-4 TO-220B
RXXLD30	3.0A(Io) Low Voltage Operation Low Power-Loss Voltage Regulator	3.8V~20V	3.3V,5V,9V,12V	10mA	0.5V	55 dB	TO-220B TO-220F-4
UR533	5.0A(Io) Ultra Low Dropout Fixed & ADJ Voltage Regulator	2.5V~7V	1.5V,2.5V & ADJ	-	0.5V	80 dB	TO-252-5 TO-263-5 TO-220-5

Low Dropout Voltage Regulator
Low Quiescent Current CMOS LDO Regulator/ ($I_O=0.1A\sim0.5A$)

Part No.	Features	V_{IN} (Range)	V_{OUT}	I_O (Max)(μ A)	V_D (Max)(V)	PSRR(Typ)	Package
LR1101	0.1A(Io) Low Quiescent Current LDO Voltage Regulator	2V~6V	1.2V~5V	7 μ A	0.6V	-	SOT-23 SOT-25 SOT-89
LR1102A/B	0.15A(Io) Low Quiescent Current LDO Voltage Regulator	2V~9V	2.5V,2.7V,2.8V,2.85V,3V,3.3V,3.5V,5V	20 μ A	0.4V	70 dB	SOT-25
LR1103*	0.15A(Io) Low Quiescent Current LDO Voltage Regulator	12V	1.8V~3.3V	80 μ A	0.35V	-	SOT-25
L1131A*	0.15A(Io) Low Quiescent Current LDO Voltage Regulator With CE	1.8V~6V	1.5V~4V	18 μ A	0.46V	53 dB	SOT-25
L1131B*	0.15A(Io) Low Noise High PSRR CMOS LDO Voltage Regulator With CE	2V~6.5V	1.5V~5.5V	65 μ A	0.26V	70 dB	SOT-25
L1131C	0.15A(Io) Low Noise Fast Response LDO Voltage Regulator With CE	3V~6V	2.0V 2.5V	95 μ A	0.55V 0.50V	70 dB	SOT-25
L1913	0.15A(Io) Low Quiescent Current LDO Voltage Regulator With En	2.5V~5.5V	1.5V, 3.3V	120 μ A	0.30V	-	SOT-25
LR1121B	0.2A(Io) High Ripple-Rejection LDO Regulator With CE	2.8V~7V	2.1V~5.5V	65 μ A	0.70V	70 dB	SOT-25
LR1122B	0.2A(Io) Low Noise LDO Regulator (without auto discharge function)	1.7V~7V	1.2V~1.5V 1.5V~1.7V 1.7V~2.0V 2.0V~2.5V 2.5V~2.8V 2.8V~3.3V	25 μ A	0.50V 0.38V 0.34V 0.30V 0.25V 0.23V	75 dB	SOT-25
LR1122D	0.2A(Io) Low Noise LDO Regulator (with auto discharge function)	1.7V~6V	1.2V~1.5V 1.5V~1.7V 1.7V~2.0V 2.0V~2.5V 2.5V~2.8V 2.8V~3.3V	25 μ A	0.50V 0.38V 0.34V 0.30V 0.25V 0.23V	75 dB	SOT-25
LR1167*	0.2A/0.5A(Io) Low Noise LDO Voltage Regulator	2.9V~7V	1.5V~5.0V	150 μ A	0.3V	58 dB	SOT-25
UR6225	0.3A(Io) Low Quiescent Current LDO Voltage Regulator	2V~10V	1.2V~6.0V	4.5 μ A	0.6V	-	SOT-23 SOT-25 SOT-89 TO-92
L1183A	0.3A(Io) Low Quiescent Current LDO Voltage Regulator With OTP, OCP and En	2.5V~6.5V	1.2V,1.5V 2.8V,3.1V,3.3V	50 μ A	1.3V 0.4V	20 dB	SOT-25 SOT-26
L1183B*	0.3A(Io) Low Quiescent Current LDO Voltage Regulator With BP, OTP, OCP, En, POK	2.5V~7V	1.2V,1.5V 2.8V 3.1V,3.3V	50 μ A	1.3V 0.4V 0.3V	15 dB	SOT-26
L1923	0.3A(Io) High PSRR LDO Voltage Regulator With En	2.5V~5.5V	3.3V & 3.5V & 3.9V	120 μ A	0.5V	65 dB	SOT-25
LR2125	0.3A(Io) Selectable Fixed/Adjustable Low Dropout Linear Regulator With EN, OTP, OCP, Softstart ; set; Vo discharge and Vref 0.8V	2.5V~6V	0.8V,1.2V,1.8V,2.5V,3.3V ADJ	160 μ A	0.3~0.36V	55 dB	SOT-25
LR1106	0.4A(Io) Low Quiescent Current LDO Voltage Regulator	2.4V~8V	1.8V,2.2V 2.5V,2.7V,2.8V,2.85V 3V, 3.1V,3.3V,3.5V 5V	50 μ A	0.60V 0.50V 0.42V 0.32V	-	SOT-23 SOT-25 SOT-89 SOP-8 VSON-6(1.8x1.8)

IC for Power Management

Low Quiescent Current CMOS LDO Regulator (Io=0.6A-5.0A)

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(uA)	V _D (Max)(V)	PSRR(Typ)	Package
L1136	0.6A(Io) High PSRR LDO Voltage Regulator With En	1.5V-5.5V	1.1V-1.2V 1.2V-1.3V 1.4V-1.5V 1.5V-2.6V 2.6V-5.0V	90uA	0.48V 0.38V 0.18V 0.15V 0.10V	60 dB	SOT-25
L1186	0.6A(Io) Low Noise CMOS LDO Voltage Regulator With BP,OTP,OC, En	2.9V-7V	1.5V,1.8V, ADJ 2.5V,2.8V,3.0V,3.3V	50uA	1.4V 0.8V	30 dB	SOT-25 SOP-8
LR1107	0.6A(Io) Low Noise CMOS LDO Voltage Regulator	2.5V-7V	1.2V,1.5V,1.8V,2.5V,2.85V 3.3V	60uA(Typ)	0.5	55 dB	SOT-23 SOT-25 SOT-89 SOT-223
L1188	0.8A(Io) Low Noise CMOS LDO Voltage Regulator With OTP,OC	3.2V-7V	1.8V 2.5V,2.8V 3.3V	50uA	1.4V 1V 0.8V	20 dB	SOT-223
L1138	0.8A(Io) Low Noise CMOS LDO Voltage Regulator With OTP,OC and En	2.98V-6.5V	1.2V 2.5V,2.8V 3.5V	160uA	1.0V 0.22V 0.18V	65 dB	SOT-89-5 SOP-8
LR3961*	0.8A(Io)Low Quiescent current LDO Voltage Regulator With Error flag _EN and Fixed Vo or Adj common pin, Vref 0.8V	2.25V-6V	1.2V 1.8V, 2.5V,3.3V,5.0, ADJ	250uA(Typ)	1.05V 0.55V	-	SOP-8 SOT-89 SOT-223 TO-252 TO-252-5 TO-263 TO-263-5
LR3964*	0.8A(Io)Low Quiescent current LDO Voltage Regulator With optional EN and Fixed Vo or Adj common pin, Vref 0.8V	2.25V-6V	1.2V 1.8V, 2.5V,3.3V,5.0, ADJ	250uA(Typ)	1.05V 0.55V	-	SOP-8 SOT-89 SOT-223 TO-252 TO-252-5 TO-263 TO-263-5
LR1108	1.0A(Io) Low Noise CMOS LDO Voltage Regulator	2.5V-7V	1.5V,1.8V,2.5V,2.85V,3.3V	300uA(Typ)	0.5V	40 dB	SOT-25 SOT-89
L11810	1.0A(Io) Low Noise CMOS LDO Voltage Regulator With OTP,OC	3.5V-7V	1.8V 2.5V,2.8V 3.3V	50uA	1.7V 0.8V 0.5V	20 dB	SOT-223
LXXLD10*	1.0A(Io) Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	XX: 0.8V to3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.20V (Max)	-	HSOP-8
LXXLC15*	1.5A(Io)0.65V(Vd)Low Dropout Regulator With POK, En Pin and Fixed Vo with Option ADJ	2.2V-5.5V	0.8V-5V	2mA	0.5/0.65	-55	SOP-8
LXXLD15*	1.5A(Io)Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	0.8V -3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.25V (Max)	-	HSOP-8
LR3962*	1.5A(Io)Low Quiescent current LDO Voltage Regulator With Error flag;optional EN and Fixed Vo or Adj common pin, Vref 0.8V	2.25V-6V	1.2V 1.8V,2.5V,3.3V,5.0, ADJ	250uA(Typ)	1.05V 0.55V	40 dB	SOP-8 SOT-223 TO-252 TO-252-5 TO-263 TO-263-5
LR3965	1.5A(Io)Low Quiescent current LDO Voltage Regulator With optional EN and Fixed Vo or Adj common pin, Vref 0.8V	2.25V-6V	1.2V, 1.5V 1.8V,2.5V,3.3V,5.0, ADJ	250uA(Typ)	1.05V 0.55V	40 dB	SOP-8 SOT-89 SOT-223 TO-252 TO-252-5 TO-263 TO-263-5
L11815A	1.5A(Io) Low Noise CMOS LDO Voltage Regulator With OTP and current foldback OCP	2.8V-7V	1.5V,1.8V 2.5V,2.8V 3.3V	70uA	1.3V for Vo<=2.0V 0.8V for Vo>2.0V 0.6V for Vo>2.8V	20 dB	SOT-223 TO-252 TO-263 TO-220
L11815B	1.5A(Io) Low Noise CMOS LDO Voltage Regulator With BP,OTP, Current foldback OCP and En	2.8V-7V	ADJ&1.5V-2.0V 2.1V-2.8V 2.9V-5.0V	70uA	1.3V for Vo<=2.0V 0.8V for Vo>2.0V 0.6V for Vo>2.8V	20 dB	SOP-8
LXXLD20*	2.0A(Io) Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	XX: 0.8V to3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.25V (Max)	-	HSOP-8
LR18120	2.0A(Io) Low Dropout Regulator With POK, En Pin and selectable Fixed Vo and ADJ mode	1.4V-5.5V	1.2V-2.5V & ADJ	2mA	0.3V	-	SOP-8 HSOP-8
LR3963*	3.0A(Io)Low Quiescent current LDO Voltage Regulator With optional Error flag, EN and Fixed Vo or Adj common pin, Vref 0.8V	2.5V-6V	3.3V	250uA(Typ)	0.68V	-	TO-252 TO-252-5 TO-263 TO-263-5
LR3966	3.0A(Io)Low Quiescent current LDO Voltage Regulator With optional EN and Fixed Vo or Adj common pin, Vref 0.8V	2.5V-6V	3.3V	250uA(Typ)	0.68V	-	TO-252 TO-252-5 TO-263 TO-263-5
L11830	3.0A(Io) Low Noise CMOS LDO Voltage Regulator With BP,OTP,OC, En, POK and Soft Start	2V-6V	1.5V,1.8V 2.5V 3.3V	150uA	1V 0.7V 0.45V	50dB	TO-252-5 TO-220-5 TO-263-5
LR8845*	3.0A(Io) Low Noise CMOS LDO Voltage Regulator	2V-6V	1.5V,1.8V 2.5V 3.3V	350uA	1V 0.7V 0.45V	50dB	SOT-223 TO-252 TO-220 TO-263
LXXLD30	3.0A(Io) Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	XX: 0.8V to3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.25V (Max)	-	HSOP-8
LXXLD50	5.0A(Io) Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	XX: 0.8V to3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.20V (Max)	-	HSOP-8
LXXLD70*	7.0A(Io) Low Noise CMOS LDO Voltage Regulator With Vref 0.8V;POK;Vctrl and En pin and ADJ Option	V _{IN} : 1.1V-3.3V V _{CTRL} : 3.1V-6V	XX: 0.8V to3.1V	2mA(I _{CTRL})	0.12V (Typ) 0.14V (Max)	-	HSOP-8

Low Quiescent current High Voltage CMOS Regulator

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(uA)	V _D (Max)(V)	PSRR(Typ)	Package
UT10XX	20mA(Io) Low Quiescent current LDO Voltage Regulator	1.86V-12V	1.8V,2V,2.5V,2.7V,2.8V,3V, 3.3V,3.6V,4.4V,4.5V,5V,7V	6uA	0.06V(Typ)	-	SOT-89 TO-92
UT71XX	20mA(Io) Low Quiescent current LDO Voltage Regulator	1.56V-28V	1.5V,1.8V,2V,2.5V,2.7V,2.8 V,3V 3.3V,3.6V,4.4V,4.5V,5V,7V	6uA	0.06V(Typ)	-	SOT-89 TO-92
LR1012	50mA(Io) Low Quiescent current LDO Voltage Regulator	3V-18V	1.5V,1.8V,2V,2.5V,2.7V,2.8 V,3V 3.3V,3.6V,4.4V,4.5V,5V,7V	1.6uA	0.23V	-	SOT-25
UT7500	100mA(Io) Low Quiescent current LDO Voltage Regulator	5V-24V	3V,3.3V,3.6V,4.4V,5V,8V	20uA	0.1V(Typ)	-	SOT-89
UC5205*	150mA(Io) Low Noise LDO Regulator	2.5V-16V	2.5V-5.0V,ADJ	1.9mA	0.275V	75 dB	SOT-25
UT73XX*	250mA(Io) Low Quiescent current LDO Voltage Regulator	2.8V-12V	1.6V,2.5V,2.7V,3V,3.3V,3.5 V,5V	8uA	0.06V(Typ)	-	SOT-89 TO-92

Dual Output LDO Regulator

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(uA)	V _D (Max)(V)	PSRR(Typ)	Package
LR2XXYY*	0.1A(Io) Dual Output LDO Voltage Regulator	1.5V-6V	Voch1=XX, 0.8V-5.0V Voch2=YY, 0.8V-5.0V	4.5uA	0.15V	70 dB	SOT-26
LR3XXYYB	0.15A(Io) Dual Output LDO Voltage Regulator	2V-6V	Voch1=XX, 1.5V-3.3V Voch2=YY, 1.5V-3.3V	90uA	0.22-0.35V	65 dB	SOT-26
LR4XXYY*	0.2A(Io) Dual Output LDO Voltage Regulator	2.7V-5.5V	Voch1=XX, 1.5V-3.3V Voch2=YY, 1.5V-3.3V	260uA	0.255V(Typ)	62 dB	SOT-26
LR5XXYY*	0.3A(Io) Low Noise Dual Output LDO Voltage Regulator	2.5V-5V	Voch1=XX, 1.5V-3.3V Voch2=YY, 1.5V-3.3V	65uA	0.34V	80 dB	SOT-26
LR6401	0.3A(Io) Low Noise Dual Output LDO Voltage Regulator	2.5V-6V	Voch1=XX, 1.2V-4V Voch2=YY, 1.2V-4V	90uA	0.75V	65 dB	SOT-26 VSON-6
UR10033	1A(Io) Dual Output LDO Voltage Regulator	4V-16V	ADJ+3.3V	1.5mA	0.5V	58 dB	TO-252-5
UR13318	1A(Io) Dual Output LDO Voltage Regulator	3V-16V	3.3V+1.8V	1.5mA	0.5V	58 dB	TO-252-5 TO-263-5
UR13325	1A(Io) Dual Output LDO Voltage Regulator	3V-16V	3.3V+2.5V	2.3mA	0.5V	58 dB	TO-252-5
UR15025	1A(Io) Dual Output LDO Voltage Regulator	4V-16V	5.0V+2.5V	1.5mA	0.5V	58 dB	TO-252-5
UR15033	1A(Io) Dual Output LDO Voltage Regulator	4V-16V	5.0V+3.3V	1.5mA	0.5V	58 dB	TO-252-5

LDO Regulator Controller IC

Part No.	Features	V _{IN} (Range)	V _{OUT}	I _Q (Max)(uA)	V _D (Max)(V)	PSRR(Typ)	Package
UC621XX	1.0A(Io) Boosting Voltage Regulators(3.0V,3.3V,4.0V,5.0V)	4V-8V	2-6V	80uA	0.1V(Typ)	-	SOT-25