

Reference Parameters comparison List

LDO												
List No.	Brand	Part No.	Description	Vin	Vout	Ioutmax	PSRR	Dropout voltage	IQ	Accu	Package	
1	SII	S-1112	CMOS LDO	2.0-6.5V	1.5-5.5V	150mA	80dB	0.19V/100mA	50uA	1%	SOT23-5 SNT-6	
	SII	S-1111	CMOS LDO	2.0-6.5V	1.5-5.5V	150mA	70dB	0.2V/100mA	35uA	1%	SOT23-5	
	BL	BL8555	CMOS LDO	Max 8V	1.2-5.0V	150mA	68dB	0.2V/100mA	25uA	2%	SOT23-5A SC-70	
2	SII	S-1121	CMOS LDO	2.0-6.5V	1.5-5.5V	150mA	70dB	0.2V/100mA	35uA	1%	SOT23-5	
	SII	S-1122	CMOS LDO	2.0-6.5V	1.5-5.5V	150mA	80dB	0.19V/100mA	50uA	1%	SOT23-5	
	BL	BL8555	CMOS LDO	Max 8V	1.2-5.0V	150mA	68dB	0.2V/100mA	25uA	2%	SOT23-5B SC-70	
3	SII	S-1206	CMOS LDO	1.7-6.5V	1.2-5.2V	250mA	-----	0.15V/100mA	1uA	1%	SOT23-3 SOT89-3 SNT-6	
	BL	BL8503	CMOS LDO	Max 8V	1.2-6.0V	250mA	-----	0.17V/100mA	3uA	2%	SOT89-3 SOT23-3 TO-92	
4	SII	S-1131	CMOS LDO	2.0-6.5V	1.5-5.5V	300mA	70dB	0.3V/100mA	35uA	1%	SOT89-5 SOT89-3 HSON-6	
	BL	BL9195	CMOS LDO	2.0-6.0V	1.2-5.0V	300mA	78dB	0.13V/200mA	90uA	1%,2%	SOT89-3 SOT23-3	
5	SII	S-1132	CMOS LDO	2.0-6.5V	1.5-5.5V	300mA	70dB	0.13V/100mA	20uA	1%	SOT89-5 SOT23-5 SNT-6A	
	BL	BL9198	CMOS LDO	2.0-6.0V	1.2-5.0V	300mA	78dB	0.13V/200mA	90uA	1%,2%	SOT23-5 SC-70	
	BL	BL8563	CMOS LDO	Max 6V	1.5-4.5V	300mA	73dB	0.08V/100mA	20uA	2%	SOT23-5 SC-70	
6	SII	S-1155	CMOS LDO	1.5-5.5V	1.0-5.0V	500mA	70dB	0.07V/200mA	70uA	1%	SOT89-5	
	BL	BL8558	CMOS LDO	Max 8V	1.2-4.5V	500mA	66dB	0.05V/40mA	75uA	1%,2%	SOT89-3 SOT23-5	
7	SII	S-1172	CMOS LDO	1.5-5.5V	1.0-5.0V	1A	70dB	0.07V/300mA	70uA	1%	SOT89-5 HSOP-6	
	BL	BL9110	CMOS LDO	2.5-6.0V	1-5V Adj	1A	70dB	0.42/300mA	65uA	1%,2%	SOT89-5 SOT223 DNF-6 ETC..	
8	SII	S-1711	CMOS Dual LDO	2.0-6.5V	1.5-5.5V	300mA	70dB	0.20V/150mA	70uA	1%	SNT-6A SOT23-6	
	BL	BL9180	CMOS Dual LDO	2.0-6.0V	1.2-5.0V	300mA	78dB	0.13V/200mA	180uA	1%,2%	SOT23-6A	
DC-DC Step-up												
List No.	Brand	Part No.	Description	Mode	Vin	Vout	Iout	IQ	FOSC	EFF.	Accu	Package
9	SII	S-8352	DC-DC Boost CTL	PFM	0.9V	2.0-6.5V	-----	0.5uA	100k	-----	2.4%	SOT89-3 SOT23-3 SOT23-5
	BL	BL8530C	DC-DC Boost CTL	PFM	0.8V-5.5	2.5-6.0V	300mA+	6uA	350k	85%	2%	SOT89-3 SOT23-3 SOT23-5
10	SII	S-8351	DC-DC Boost	PFM	0.9V	2.0-6.5V	-----	0.5uA	100k	-----	2.4%	SOT89-3 SOT23-3 SOT23-5
	BL	BL8530	DC-DC Boost	PFM	0.8V-5.5	2.5-6.0V	300mA	4uA	350k	85%	2%	SOT89-3 SOT23-3 SOT23-5
11	SII	S-8363	DC-DC Boost	PWM/PFM	0.9V	2.0-6.5V	-----	0.5uA	1.2M	-----	2.4%	SOT89-3 SOT23-3 SOT23-5
	BL	BL8534	DC-DC Boost	Sync PWM	0.85V-5.5	2.5-5.0V	300mA	4uA	1M	95%	2%	SOT23-5
DC-DC Step-down												
List No.	Brand	Part No.	Description	Mode	Vin	Vout	Iout	IQ	FOSC	EFF.	Accu	Package
12	SII	S-8551	DC-DC BUCK	PWM	2.0-5.5V	1.1-4.0V	600mA	1uA	1.2M	-----	-----	SOT23-5 SNT-8A
	BL	BL3406B	DC-DC BUCK	Sync PWM	2.5-5.5V	1.0-3.3V Adj	800mA	1uA	1.5M	96%	2%	SOT23-5 TSOT23-5
Voltage detector/Rest IC												
List No.	Brand	Part No.	Description	Vin	VDET	IQ	Accu	Delay time	Hysteresis	Output Type		Package
13	SII	S-808	Hysteresis	0.65-10V	0.8-6.0V	1.3uA	2%	-----	5%	CMOS or NMOS open drain		SOT89-3 SOT23-5 SNT-4A SC-82AB TO92
	BL	BL8506	Hysteresis	0.7-10V	0.9-6.0V	0.5uA	2%	-----	4%	CMOS or NMOS open drain		SOT89-3 SOT23-3 SOT23-5
14	SII	S-801	Delay	0.95-10V	2.2-6.0V	1.3uA	2%	50/100/200ms	-----	CMOS or NMOS open drain		SOT23-5 SNT-4A
	BL	BL8509	Delay	0.7-10V	0.9-6.0V	0.5uA	2%	200ms	-----	CMOS or NMOS open drain		SOT23-3 SOT23-5