

AnSC Power Management Product Selection Guide

Low Dropout Linear Regulators							
Part No.	I _{OUT} (mA)	I _{GND} (μA)	Output Voltage (V)	V _{IN} (Min)	V _{IN} (Max)	Dropout Voltage	Packages
AP1722A	300	15	1.2 ~ 5.0	2.2	7.0	550mV @ 300mA	SOT-23,SOT-89
AP6203A	300	15	1.2 ~ 5.0	2.2	7.0	550mV @ 300mA	SOT-25
AP6203L	300	15	1.2 ~ 5.0	2.2	7.0	550mV @ 300mA	SOT-25(Fast Discharge)
AP6203B	300	15	1.2 ~ 5.0	2.2	7.0	550mV @ 300mA	SOT-25(Low CE pin)
AP8853	300	30	1.5 ~ 5.0	2.5	9.0	400mV @ 300mA	SOT-23,SOT-89
AP8853A	300	35	1.5 ~ 5.0	2.5	9.0	400mV @ 300mA	SOT-25
AP8855A	500	60	Adjustable	2.5	9.0	600mV @ 500mA	SOT-89-5
AP1735	600	100	1.3 ~ 4.5	2.5	7.0	350mV @ 600mA	SOT-89
AP1117C	1000	100	1.5 ~ 5.0	2.5	7.0	700mV @ 1A	SOT-223,TO-252
AP8860	1000	100	Adjustable	2.5	7.0	1000mV @ 1A	SOT-223,TO-252

Low Quiescent Current LDO Linear Regulator							
Part No.	I _{OUT} (mA)	I _{GND} (μA)	Output Voltage (V)	V _{IN} (Min)	V _{IN} (Max)	Dropout Voltage	Packages
AP6209	250	2.0	1.8 ~ 6.0	1.8	6.0	550mV @ 250mA	SOT-23,SOT-89,SOT-25
AP8841	50	1.0	1.5~ 5.0	2.5	18	600mV @ 50mA	TO-92,SOT-89,SOT-23

Low Quiescent Current Voltage Detector					
Part No.	V _{IN} (V)	Detect Voltage (V)	I _{GND} (μA)	Delay Time (mS)	Packages
AP8821	1.5 ~ 6.0	1.6 ~ 6.0	1.0	0	SOT-23,SC-82
AP8822	1.0 ~ 6.0	1.6 ~ 6.0	1.2	100 ~ 400	SOT-23,SC-82

AnSC Power Management Product Selection Guide

Multi-channel LDO Linear Regulator							
Part No.	I _{OUT} (mA)	I _{GND} (μA)	Output Voltage (V)	V _{IN} (Min)	V _{IN} (Max)	Dropout Voltage	Packages
AP6401	250	8 / ch	1.2 ~ 3.9	2.7	7.0	150mV @ 100mA	SOT-26,UFN-6
AP6402	250	8 / ch	1.2 ~ 3.9	2.7	7.0	150mV @ 100mA	SOT-26,UFN-6 (Low CE pin)
AP9187	200	7 / ch	1.5 ~ 3.6	2.7	7.0	250mV @ 100mA	SOT-26,DFN-6 (EN control Vout2)
AP9188	200	7 / ch	1.5 ~ 3.6	2.7	7.0	250mV @ 100mA	SOT-26,DFN-6 (EN control Vout2 & 3)
AP2115	500	100/ch	1.5 ~ 6.0	2.5	7.0	60mV @ 100mA	SOT-223-5
AP2117	1000	100/ch	1.5 ~ 6.0	2.5	7.0	60mV @ 100mA	SOT-263-5

Step-up DC/DC Switching Regulator						
Part No.	Input Volt. Range(V)	Output Volt. Range(V)	Quiescent Current (uA)	I _{OUT} (mA)	Eff(%) Max.	Packages
AP8800	1.0 ~ 6.0	3.3/5.0 /Adjustable	35	1000	88	SOT-25
AP8801	1.0 ~ 6.0	3.3 / 5.0	35	300	90	SOT-89,SOT-89-5
AP9266	0.95 ~ 6.0	Adjustable	35	300	90	SOT-26
AP8802	1.0 ~ 6.0	2.5~6.0/Adjustable	35	400	90	SOP-8 (Built-in 0.86V VD)
AP8804	1.0 ~ 6.0	3.0/3.3/3.6/4.0/5.0	4	100	82	SOT-89

Step-up DC/DC Switching Regulator (White LED Step-up Converter)						
Part No.	Input Volt. Range(V)	Output Volt. Range(V)	Quiescent Current (uA)	I _{OUT} (mA)	Eff(%) Max.	Packages
AP8807	2.5 ~5.5	Adjustable	30	80	85	SOT-26