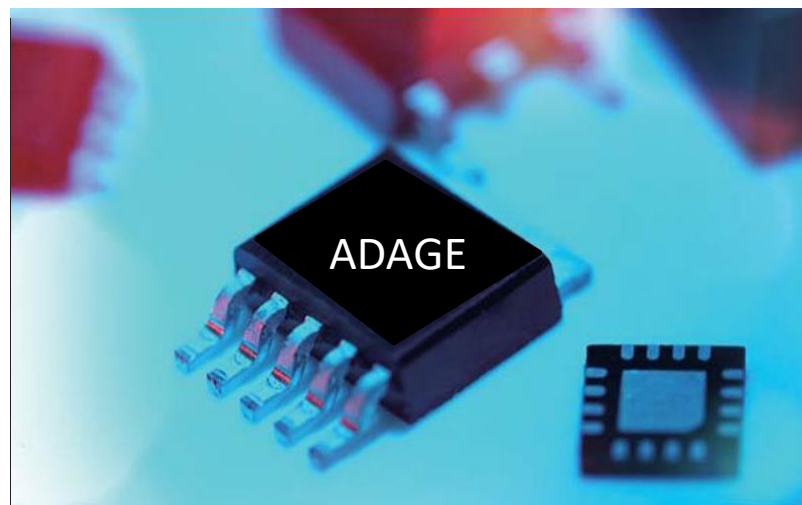


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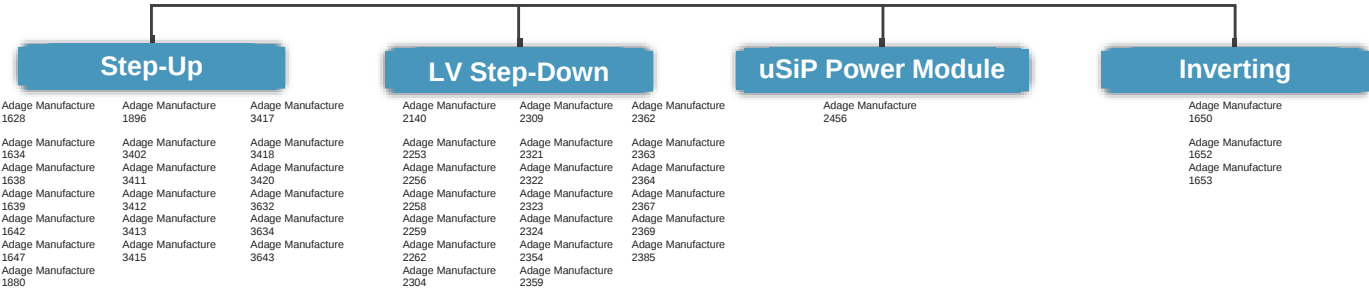
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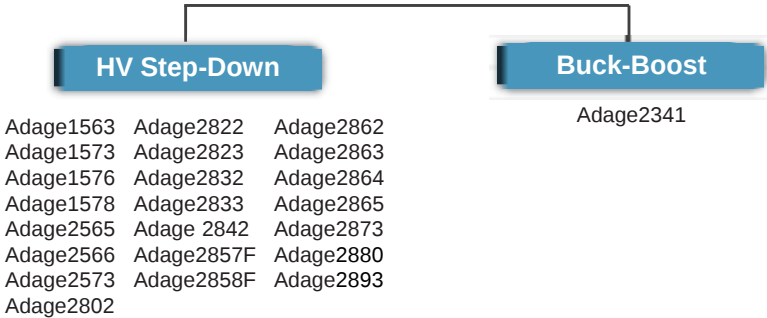
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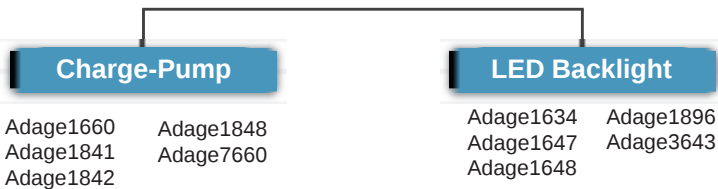
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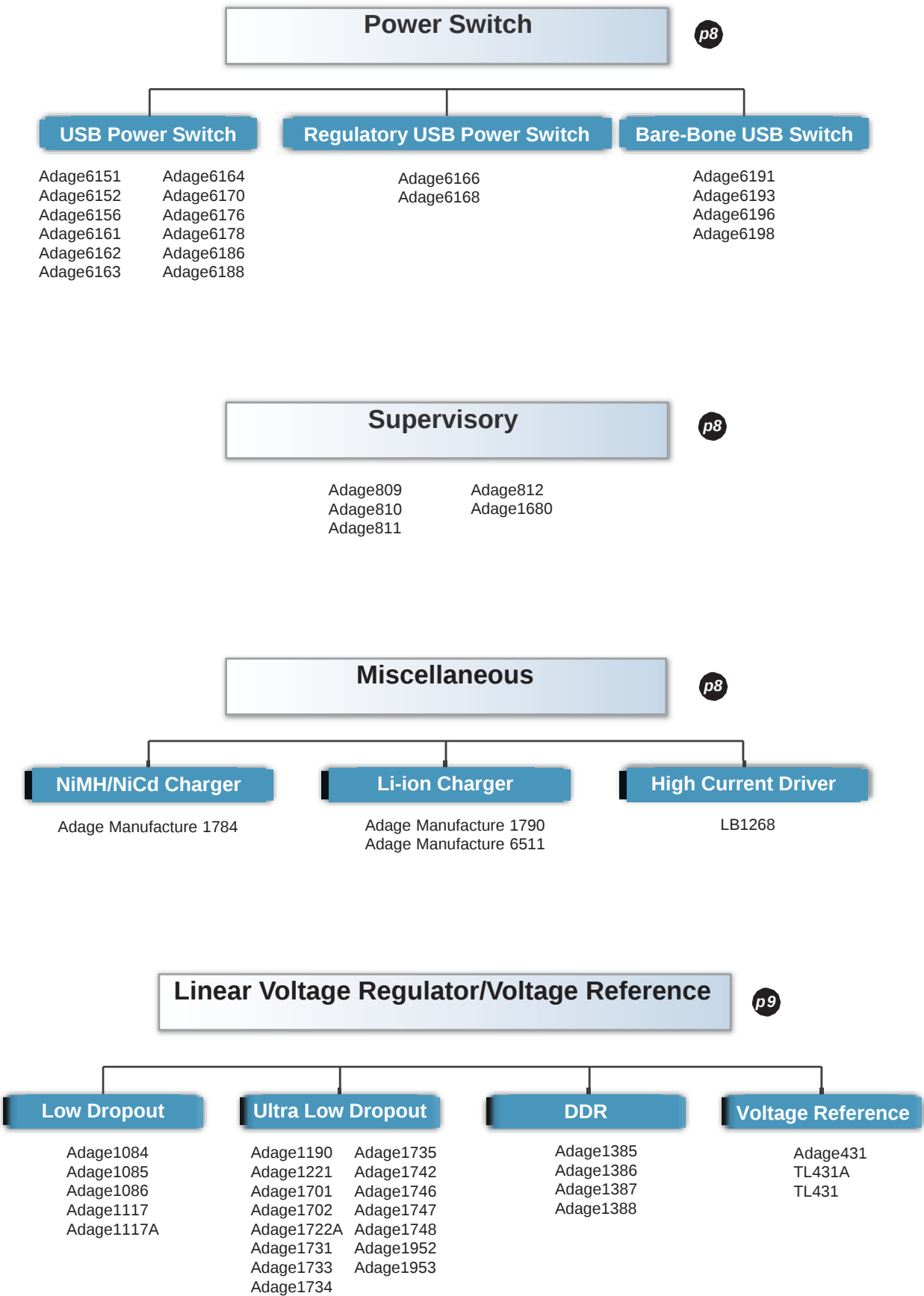
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Note:
Information provided by Adage Manufacture is believed to be accurate and reliable. However, we cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in an Adage Manufacture product; nor for any infringement of patents or other rights of third parties that may result from its use. We reserve the right to change the circuitry and specifications without notice.

Life Support Policy:
Adage Manufacture does not authorize any Adage Manufacture product for use in life support devices and / or systems. Life support devices or systems are devices or systems which, (i) are intended for surgical implant into the body or (ii) support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury to the user.



Part No.	Supply Voltage (V)		Output Voltage (V)	Current Function (A)			Control Mode A:AOT, C:COT, F:PFM, S:PSM, W:PWM	
	min.	max.		Internal Switch		External Switch		IQ
				I _{SW} Limit	I _{OUT}			
Step Up Series								
Adage1628	4	20	V _{IN} ~ 4.5x V _{IN}			0.3 (BJT)	100µA	S-F
Adage1634	2.6	10	V _{IN} ~ 30V	0.5			100µA	W
Adage1638	0.9	6	2.7/3.0/3.3/4.5/5.0		0.04~0.35		15µA	F
Adage1639	0.9	6	3.3/5.0			0.5 (BJT)	18µA	F
Adage1642	0.9	6	2.0/2.2/2.7/2.8/3.0/3.1/3.3/3.7/4.5/5.0		0.6		15µA	F
Adage1647	2.5	5.5	V _{IN} ~ 30V				70µA	W
Adage1880	2.6	5.5	V _{IN} ~ 11V	1.6			180µA	W
Adage1896	2.5	10	V _{IN} ~ 30V				100µA	W
Adage3402	0.75	5	2.0/2.2/2.7/2.8/3.0/3.3/5.0	0.5			3µA	S-W
Adage3411	0.7	5	1.65 ~ 5.5V	0.4			7µA	S-C
Adage3412	0.7	5	1.65 ~ 5.5V	0.48			12µA	S-C
Adage3413	0.9	5.5	2.7 ~ 5.25V	0.9			40µA	S-W
Adage3415	0.9	5.5	2.7 ~ 5.25V	1.3			40µA	S-W
Adage3417	0.9	5.5	2.5 ~ 5.5V	3.4	1		20µA	S-C
Adage3418	0.9	5.5	2.5 ~ 5.5V	4.5	1.5		20µA	S-C
Adage3420	0.9	5.5	2.5 ~ 5.5V	6.5	2.1		20µA	S-C
Adage3632	2.7	5.5	V _{IN} ~ 24V	0.1			30µA	F
Adage3634	2.7	5.5	V _{IN} ~ 24V	0.48			60µA	F
Adage3643	2.5	5.5	V _{IN} ~ 22V	1.0			150µA	W
LV Step Down Series								
Adage2140	2.2	5.5	1.8V ~ 3.3	0.6	0.3		0.6µA	A
Adage2253	2.5	6	0.6V ~ V _{IN} -0.2	1.6	1.0		8µA	A
Adage2258	2.5	6	0.6V ~ V _{IN} -0.2	1.6	1.0		17µA	A
Adage2259	2.5	6	0.6V ~ V _{IN} -0.2	1.6	1.0		17µA	A
Adage2262	2.5	6	0.6V ~ VIN -0.2	3.4	2.0		17µA	A
Adage2271	2.5	6	0.6V ~ V _{IN} -0.2	1.6	1.0		17µA	A
Adage2304	2.5	5.5	0.6V ~ V _{IN} -0.3	1.6	1.0		65µA	W
Adage2309	2.5	5.5	0.6V ~ V _{IN} -0.3	1.6	1.0/1.0		65µA	W
Adage2321	2.7	6	0.8V ~ V _{IN}	3.4	2.0			W
Adage2322	2.5	6	0.8V ~ V _{IN}	3.4	2.0		550µA	W
Adage2323	2.5	6	0.8V ~ V _{IN}	5.0	3.2		550µA	W
Adage2324	2.5	6	0.8V ~ V _{IN}	6.4	4.0		250µA	W
Adage2354	2.5	5.5	0.6V ~ V _{IN} -0.3	1.6	1.0		65µA	S-W
Adage2359	2.5	5.5	0.6V ~ V _{IN} -0.3	1.6	1.0/1.0		65µA	W
Adage2362	2.5	6	0.8V ~ V _{IN}	3.4	2.0		200µA	W
Adage2363	2.5	6	0.8V ~ V _{IN}	5.0	3.2		200µA	S-W
Adage2364	2.5	6	0.8V ~ V _{IN}	6.4	4.0		250µA	S-W
Adage2367	3	5.5	0.8V ~ V _{IN}	7.5	5.0		550µA	F-W
Adage2369	2.8	5.5	1V ~ V _{IN}	5.0	3.2			F-W
Adage2385	2.5	5.5	0.6V ~ V _{IN} -0.3	2.0	1.5		65µA	S-W
uSiP Power Module Series								
Adage2471	2.5	6	0.6V ~ V _{IN} -0.2	1.6	1.0		17µA	A
Inverting Series								
Adage1650	4	20	-1.22V ~ -40V			0.025 (BJT)	100µA	F
Adage1652	2.4	7	-1.22V ~ -40V			0.025 (BJT)	80µA	F
Adage1653	1.8	10	-1.23V ~ -28V	0.1			15µA	F

Freq. (KHZ)	Description	Package
90 - 250	High-Efficiency, Step-Up PFM-PSM DC/DC Controller	SOP-8
1400	1.4MHz Current-Mode Step-Up PWM DC/DC Converter	SOT23-6
105	1-Cell, 3-Pin, Step-Up PFM DC/DC Converter	SOT89-3
105	1-Cell, 3-Pin, Step-Up PFM DC/DC Controller	SOT89-3
105	3-Pin One-Cell Step-Up PFM DC/DC Converter	SOT23-3, SOT23-5, SOT89-3, TO92-3
1200	White LED Step-Up PWM Converter	SOT23-5
640 - 1220	Low Noise, Step-Up PWM DC/DC Converter	MSOP-8
1400	1.4MHz SOT23-6 Current-Mode Step-Up PWM DC/DC Converter	SOT23-6
800	Synchnorous Step-Up DC/DC Converter	SC70-3, SC70-5, SOT23-3, SOT23-5
-	SC70-6 Package Low IQ High Light Load Efficiency Synchronous Boost Converter	SC70-6
-	Low No-Load Input Current Synchronous Constant Off Time/PSM Step-Up Converter	SOT23-6
1200	400mA, 1.2MHz Synchronous Step-Up Converter	SOT23-6
1200	700mA, 1.2MHz Synchronous Step-Up Converter	SOT23-6
-	1.0A Synchronous Step-Up Converter	DFN-10 (3x3), SOP-8E
-	1.5A Synchronous Step-Up Converter	DFN-10 (3x3), SOP-8E
-	2.1A Synchronous Step-Up Converter	DFN-10 (3x3), SOP-8E
-	0.1A PFM Mode Step-Up DC/DC Converter With True Shutdown	SOT23-6
-	0.48A PFM Mode Step-Up DC/DC Converter With True Shutdown	SOT23-6
1200	Built-in OVP White LED Step-Up Converter	SOT23-6, TSOT23-6
2000	300mA Ultra Low Iq Step-Down DC/DC Converter with AOT Control	DFN-12 (2.4x2.4)
1500	1A, 1.5MHz AOT Synchronous Step-Down DC/DC Converter	TSOT23-8
1500	1A, 1.5MHz AOT Synchronous Step-Down DC/DC Converter	TSOT23-8
1500	1A, 1.5MHz AOT Synchronous Step-Down DC/DC Converter	TSOT23-8
1500	2A, 1.5MHz AOT Synchronous Step-Down DC/DC Converter	TSOT23-8, DFN-8 (2x1.5)
3000	1A, 3MHz AOT Synchronous Step-Down DC/DC Converter	TSOT23-8
1500	1A Synchronous PWM Step-Down DC/DC Converter	DFN-6 (2x2), SOT23-5
1500	1A Dual Synchronous PWM Step-Down DC/DC Converter	DFN-12 (3x3)
1200	2A 1.2MHz Synchronous PWM Step-Down Converter	DFN-10 (3x3)
550/1100	2A 550k/1.1MHz Synchronous PWM Step-Down Converter	SOP-8
550/1100	3.2A 550k/1.1MHz Synchronous PWM Step-Down Converter	SOP-8E
550/1200	4A 550k/1.2MHz Synchronous PWM Step-Down Converter	DFN-12 (3x3), SOP-8E
1500	1A Synchronous PWM-PSM Step-Down DC/DC Converter	DFN-6 (2x2), SOT23-5
1500	1A Dual Synchronous PWM-PSM Step-Down DC-DC Converter	DFN-12 (3x3)
550/1100	2A 550k/1.1MHz Synchronous Step-Down Converter with High Light-Load Efficiency	SOP-8, SOP-8E
550/1100	3.2A 550k/1.1MHz Synchronous Step-Down Converter with High Light-Load Efficiency	DFN-10 (3x3), SOP-8E
550/1200	4.0A 550k/1.2MHz Synchronous Step-Down Converter with High Light-Load Efficiency	DFN-12 (3x3), SOP-8E
1000	5A 1MHz Synchronous PWM/PFM Step-Down Converter with Light Load Efficiency	SOP-8E
1000	3.2A 1MHz Synchronous PWM-PFM Step-Down Converter with High Light Load Efficiency	DFN-10 (3x3), SOP-8E
1500	1.5A Synchronous PWM/PSM Step-Down DC/DC Converter	SOT23-5
3000	1A, 3MHz AOT Synchronous Step-Down Converter Module with Integrated Inductor	DFN-10 (2.5x3)
100 - 320	High-Efficiency, Inverting PFM DC/DC Controller	SOP-8
70 - 160	Micro-Power Inverting PFM DC/DC Controller	SOP-8
-	Micropower Inverting PFM DC/DC Converter in SOT23-5	SOT23-5

Glossary:

(1) V_{REF} could be the minimum V_{OUT}. In the application, V_{OUT} depends on the designed external resistors. Please check with datasheets for more information.

(2) Internal Switch I_{OUT}: built-in switch output current. I_{SW} Limit: Internal switching current limit Maximum I_{OUT} can never exceed I_{SW} limit. Max. I_{OUT}=(Efficiency)• (V_{IN}/V_{OUT})• I_{SW}

(3) External Switch I_{OUT}: Possible external power switch I_{OUT}. The external device driving capacity may change the I_{OUT} value, possibly greater than the max. I_{OUT}, shown in the table above. The real I_{OUT} depend on the external device's driving capability. (BJT : β ; MOS : G_m) Example: If customers request -> VIN=1.5V(Alkaline Battery) and minimum VIN=1.1V; V_{OUT}=3.3V(I_{OUT}=250mA); Low battery detective is needed. High efficiency (>90%) is needed. Solution: Choose AIC1610 for the solution

Part No.	Supply Voltage (V)		Output Voltage (V)	Current Function (A)				Control Mode A:AOT, F:PFM, S:PSM, W:PWM, C:COT	Freq. (KHZ)	Description	Package
	min.	max.		Internal Switch		External Switch	IQ				
				I _{SW} Limit	I _{OUT}						
HV Step Down Series											
Adage1563	3	30	1.25V ~ V _{IN}	2	1.5		1.6mA	S	0.1~100	Versatile DC/DC Converter	DIP-8, SOP-8, SOP-8E
Adage1573	3	30	1.25V ~ V _{IN}	2	1.5		1.6mA	S	0.1~100	1.5A Step-down DC/DC Converter	SOP-8E
Adage1576	4	18	1.22V ~ V _{IN}			5	90μA	S-F	90~280	High-Efficiency, Step-Down DC/DC Controller	SOP-8
Adage1578	4	18	1.22V ~ V _{IN}			5	90μA	S-F	90~280	High-Efficiency, Step-Down DC/DC Controller	DIP-8, SOP-8
Adage2565	4.75	23	1.22V ~ 16V	5	3		600μA	W	385	3A, 23V Step Down DC/DC Converter	SOP-8E
Adage2566	4.75	23	0.92V ~ 16V	5	3		600μA	W	385	3A, 23V Step Down DC/DC Converter	SOP-8E
Adage2573	4.5	25	0.8V ~ V _{IN}			10	2mA	W	300	Synchronous Buck DC-DC Controller	MSOP-10
Adage2802	4.5	23	0.925V ~ 12V	5.5	3		1.9mA	W	340	3A, 23V Synchronous Step-Down Converter with LDO Controller	SOP-8E
Adage2822	4.75	23	0.925V ~ 12V	3.4	2		700μA	W	550	2A, 23V Synchronous Step-Down Converter	SOP-8E
Adage2823	4.75	23	0.925V ~ 12V	5.8	3		700μA	W	340/550	3A, 23V Synchronous Step-Down Converter	SOP-8E
Adage2832	4.5	16	0.8V ~ 10V	4	2		0.5mA	S-W	490	2A 16V 490KMHz PWM/PSM Synchronous Step-Down Converter	SOT23-6
Adage2833	4.5	16	0.8V ~ 10V	4.2	3		0.5mA	S-W	490	3A 16V 490KHz PWM/PSM Synchronous Step-Down Converter	TSOT23-6
Adage2842	4.5	16	0.8V ~ 10V	3.5	2		0.5mA	S-W	1200	2A 16V 1.2MHz PWM/PSM Synchronous Step-Down Converter	SOT23-6
Adage2857F	4.75	23	0.925V ~ 12V	3.4	2		1.3mA	W	340	2A, 23V Synchronous Step-Down Converter	SOP-8, SOP-8E
Adage2858F	4.75	23	0.925V ~ 12V	5.8	3		1.3mA	W	340	3A, 23V Synchronous Step-Down Converter	SOP-8E
Adage2862	4.75	23	0.925V ~ 12V	3.4	2		700μA	S-W	340/550	2A, 23V Synchronous Step-Down Converter with High Light-Load Efficiency	SOP-8E
Adage2863	4.75	23	0.925V ~ 12V	5.8	3		700μA	S-W	340	3A, 23V Synchronous Step-Down Converter with High Light-Load Efficiency	SOP-8E
Adage2864	4.5	16	0.8V ~ 6V	6.5	4		0.7mA	C	700	4A 16V 700kHz Synchronous Step-Down Converter	SOP-8E
Adage2865	4.5	16	0.8V ~ 6V	7.5	5		0.7mA	C	700	5A 16V 700kHz Synchronous Step-Down Converter	SOP-8E
Adage2873	4.5	17	0.9V~5.5V	4.2	3		19uA	A	2500	3A 17V Synchronous Step-Down Converter with AOT Control	QFN-16 (3x3)
Adage2880	4.5	16	0.6V ~ 10V	3.5	2		0.5mA	S-W	500/700	2A 16V 500kHz/700kHz PWM/PSM Synchronous Step-Down Converter with PG	SOP-8E
Adage2893	4.5	36	0.8V ~ 6V	5.5	3		0.7mA	A	650	3A 36V 650kHz Synchronous Step-Down Converter	SOP-8E
Buck-Boost Series											
Adage2341	2.5	5.5	1.8V ~ 5.5V	1.8	1		60μA	S-W	2500	2.5MHz Synchronous Buck-Boost DC/DC Converter	DFN-10 (3x3)
Charge Pump Series											
Adage1660	1.5	6	(-V _{IN}), 0.5V _{IN} , 2.0V _{IN}		0.2		36μA		10/50	Switched-Capacitor Voltage Converter	DIP8, SOP-8
Adage1841	2.7	5.5	5.0V (up to 4 WLEDs)		0.02		1mA	W	1000	High Efficiency 1.5x PWM Charge Pump For 4 White LEDs Backlighting	QFN-12 (3x3), QFN-12 (4x4)
Adage1842	2.7	5.5	5.0V (up to 6 WLEDs)		0.02		1mA	W	1000	High Efficiency 1.5x PWM Charge Pump For 6 White LEDs Backlighting	QFN-16 (3x3), QFN-16 (4x4)
Adage1848	2.7	4.5	5	0.3			3mA	W	1800	Regulated 5V PWM Charge Pump In SOT-23 For White LEDs Backlighting	SOT23-6
Adage7660	1.5	6	(-V _{IN}), 0.5V _{IN} , 2.0V _{IN}		0.2		30μA		10/50	Switched-Capacitor Voltage Converter	DIP-8, SOP-8
LED Backlight											
Adage1634	2.6	10	V _{IN} ~ 30V	0.5			100μA	W	1400	1.4MHz Current-Mode Step-Up PWM DC/DC Converter	SOT23-6
Adage1647	2.5	5.5	V _{IN} ~ 30V				70μA	W	1200	White LED Step-Up PWM Converter	SOT23-5
Adage1648	2.5	5.5	V _{IN} ~ 30V				70μA	W	1200	Built-in OVP White LED Step-Up Converter	SOT23-6, TSOT23-6
Adage1896	2.5	10	V _{IN} ~ 30V				100μA	W	1400	1.4MHz SOT23-6 Current-Mode Step-Up PWM DC/DC Converter	SOT23-6
Adage3643	2.5	5.5	V _{IN} ~ 22V	1			150μA	W	1200	Built-in OVP White LED Step-Up Converter	SOT23-6, TSOT23-6

Part No.	Supply Voltage max. (V)	Rds-on (mΩ)	No. of Channel	Short-Circuit Protection Response Time	Current Limit (A)	Current (A)	Accuracy (%)	Package	
USB Power Switch									
Adage6151	5.5	60	1	1.3 μS	0.5 ~ 1.2	1	±15	SOT23-6	
Adage6152	5.5	60	1	1.3 μS	0.5 ~ 2.4	2	±15	SOT23-6	
Adage6156	5.5	60	1	1.3 μS	0.5 ~ 3.6	3	±15	SOP-8E, SOT23-6	
Adage6161	6.5	85	1		0.55 ~ 1	0.5	±25	SOT23-5	
Adage6162	6.5	85	1		0.85 ~ 1.4	0.75	±25	SOT23-5	
Adage6163	6.5	85	1		1.1 ~ 2	1	±25	SOT23-5	
Adage6164	6.5	85	1		1.6 ~ 3.2	1.5	±25	SOT23-5	
Adage6170	5.5	85	1		0.4 ~ 2	2	±7 ~ 12	SOT23-6	
Adage6176	6.5	100	2		0.6 ~ 1.25	0.5	±30	SOP-8	
Adage6178	6.5	100	2		1 ~ 2	1	±30	SOP-8	
Adage6186	6.5	85	2		0.52 ~ 0.8	0.5	±20	SOP-8	
Adage6188	6.5	85	2		1.05 ~ 1.55	1	±20	SOP-8	
Regulatory USB Power Switch									
Adage6166	7	150	1		0.62/1.25	0.5/1	±20	SOP-8E	
Adage6168	7	150	1	4 μS	0.72/1.45	0.5/1	±18	SOP-8E	
Bare-Bone USB Switch									
Adage6191	5.5	170	1		0.55 ~ 1	0.5		SOT23-3	
Adage6193	5.5	170	1		1.05 ~ 1.8	1		SOT23-3	
Adage6196	5.5	170	2		0.55 ~ 1	0.5		SOT23-5	
Adage6198	5.5	170	2		1.05 ~ 1.8	1		SOT23-5	
Part No.	Suppl y Voltage (V)	Supply Current max. (μA)	Detecting Voltage Accuracy	Detector Threshold Hysteresis	Reset Active Timeout Period (mS)		Package		
Supervisory									
Adage809	0.9 ~ 6	3	±1.5%		230 (typ.)		SOT23-3		
Adage810	0.9 ~ 6	3	±1.5%		230 (typ.)		SOT23-3		
Adage811	0.9 ~ 6	3	±1.5%		230 (typ.)		SOT143-4, SOT23-5		
Adage812	0.9 ~ 6	3	±1.5%		230 (typ.)		SOT143-4, SOT23-5		
Adage1680	1.5 ~ 10	4.8	±2.5%	0.05 VDET	0.2		SOT23-3, SOT23-5, TO92-3		
Part No.	Chargi ng Set	-ΔV Cutoff	0ΔV Cutoff Time (of Safety Timer)		ΔT-Δt Cutoff	Safety Timer Cutoff	Max. Voltage Cutoff	Max. Temp. Cutoff	Package
NiMH- NiCd Battery Charger									
Adage1784	Single	Yes	1 mode (6%)		Yes	Yes	Yes	Yes	DIP-8, SOP-8
Part No.	Input Volt. Range (V)	Charge Current Range (mA)	Charge Termination		Battery Recharge	Safety Timer Cutoff	Battery Temp. Protection	Package	
Li-ion Charger									
Adage1790	4.5 ~ 5.5	200 ~ 1000	1/10 Full Charge Current		Yes	Yes	Yes	DFN-10 (3x3), MSOP-10E	
Adage6511	4.5 ~ 6	2000	1/10 Full Charge Current		Yes	Yes	Yes	TSSOP-16E	
Part No.	Supply Voltage max. (V)	Input Voltage max. (V)	Output Voltage max. (V)	Channel No.	Output Current (mA)		Package		
High Current Driver									
LB1268	8	12	10	3	1000		DIP-8, SOP-8		

Part No.	Input Voltage max. (V)	Output Voltage (V)	Output Current	Output Voltage Accuracy	Package
Low Dropout Linear Regulator					
Adage1084	7	1.8/2.5/3.3/adj.	5A	±1%	TO220-3, TO252-3, TO263-3
Adage1085	7	1.8/2.5/3.3/adj.	3A	±1%	TO220-3, TO252-3, TO263-3
Adage1086	7	1.8/2.5/3.3/adj.	1.5A	±1%	SOT223-3, TO220-3, TO252-3, TO263-3
Adage1117	7	1.8/2.5/3.3/adj.	800mA	±1%	SOT223-3, TO220-3, TO252-3, TO263-3
Adage1117A	7	1.8/2.5/3.3/adj.	1A	±1%	TO252-3, TO263-3, TO252-3, SOT263-3
Ultra Low Dropout Linear Regulator					
Adage1190	6	0.8 ~ 5.0V, in step of 0.1V	1A	±2%	SOP-8E, SOT223-3, TO252-3, TO252-4, TO252-5, TO263-3, TO263-5
Adage1221	6	0.8 ~ 5.5V, in step of 0.1V	2A	±2%	SOP-8E, SOT223-3, TO252-3, TO252-5
Adage1701	6	0.8 ~ 5.0V, in step of 0.1V	150mA	±2%	DFN-6 (2x2), SOT23-3, SOT23-5
Adage1702	6.8	0.8 ~ 5.0V, in step of 0.1V	350mA	±2%	DFN-6 (2x2), SOT23-3, SOT23-5, SOT89-3
Adage1722A	8	1.5/1.8/2.0/2.5/2.7/3.0/3.3/3.5/3.7/3.8/5.0	300mA	±2%	SOT23-3, SOT89-3, TO92-3
Adage1731	12	1.5/1.8/2.5/2.8/3.0/3.3	300mA	±2%	SOT23-5, SOT89-5
Adage1733	12	1.3/1.5/1.8/2.5/3.3	500mA	±2%	SOT23-5, SOT89-5
Adage1734	12	1.8/2.0/2.5/2.7/3.0/3.3/3.5/3.7/3.8/5.0	300mA	±2%	SOT23-3, SOT89-3, TO92-3
Adage1735	12	1.8/2.5/3.3/3.5/3.8/5.0	500mA	±2%	SOT223-3, SOT23-3, SOT89-3, TO252-3
Adage1742	9	1.5/2.0	150mA	±2%	SOT23-5
Adage1746	6	1.1 ~ 4.2V, in step of 0.1V	150mA	±2%	DFN-6 (2x2), SOT23-3, SOT23-5
Adage1747	7	1.1 ~ 4.2V, in step of 0.1V	300mA	±2%	DFN-6 (2x2), SC70-3, SC70-5, SOT23-3, SOT23-5, SOT89-3, SOT89-5
Adage1748	7	0.8 ~ 4.5V, in step of 0.1V	600mA	±2%	SOT23-3, SOT23-5, SOT89, SOT223-3, TO252
Adage1952	7	Dual: 0.8 ~ 3.8V, in step of 0.1V	300mA/300mA	±2%	DFN-6 (2x2), SOT23-6
Adage1953	7	Dual: 0.8 ~ 3.8V, in step of 0.1V	600mA/600mA	±2%	SOP-8E
Part No.	Input Voltag e max. (V)	Output Voltage (V)	Output Current	Load Regulation	Package
DDR Regulator					
Adage1385	5.5	adj.	2A	±20mV	SOP-8E
Adage1386	5.5	adj.	2A	±20mV	SOP-8E
Adage1387	5.5	adj.	3A	±20mV	SOP-8, SOP-8E
Adage1388	5.5	adj.	3A	±20mV	SOP-8E
Part No.	Cathode Voltag e max. (V)	Reference Voltage (V)	Sink Current	Reference Voltage Accuracy	Package
Voltage Reference					
Adage431	30	2.495	250μA ~ 200mA	±0.5%	SOP-8, SOT23-3, SOT89-3, TO92-3
TL431A	30	2.495	250μA ~ 200mA	±1.0%	SOP-8, SOT23-3, SOT89-3, TO92-3
TL431	30	2.495	250μA ~ 200mA	±1.6%	SOP-8, SOT23-3, SOT89-3, TO92-3

COMPANY PROFILE

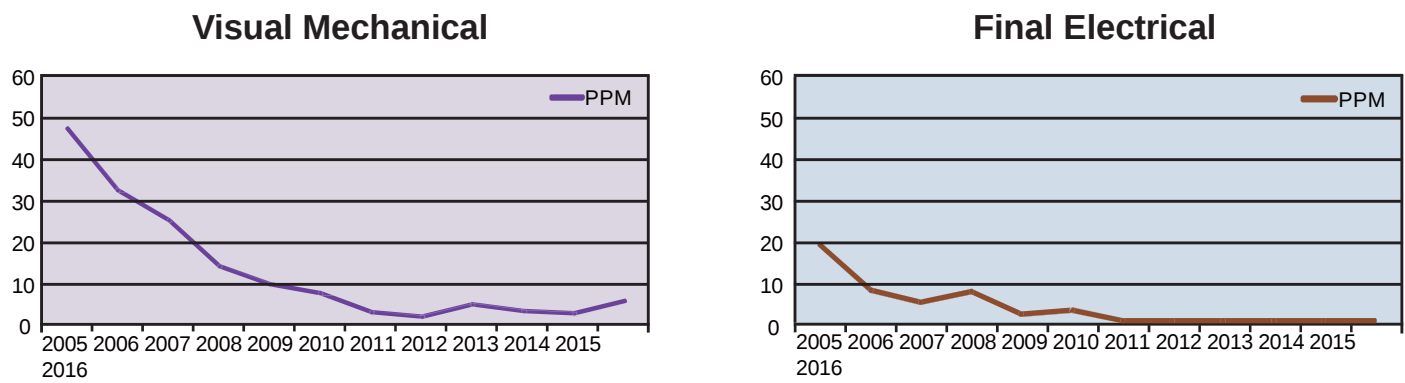
Overview

Based in Hsinchu Science Park of northern Taiwan, Adage Manufacture was founded in Jan 1992 and is an IC fabless company exclusively devoted to designing, testing and marketing power management integrated circuits.

By leveraging Adage Manufacture extensive product portfolio and quick responses to customized requests, we quickly emerged as a leading IC solution provider of power management in the Pacific Rim to help customers meet the demanding challenges of the dynamic market.

Adage Manufacture has a long-standing reputation for offering solutions with products of best-in-class quality and reliability performance. In addition to the compliance to ISO9001 and ISO14001 standards, Adage Manufacture has been certified by many global tier one customers in light of our robust quality management system and outstanding product quality, as illustrated in below achievements

Average Outgoing Quality



Customer Certification List

Customer	Customer Certification	Year
Nintendo	Green Procurement Certificate	2012
Ricoh	Certificate of Approval of Production Audit	2008
LGE	Green Program Certificate	2007
Samsung	Eco-Partner Certificate	2007
Canon	Green Activity Certificate	2005
SONY	SONY Green Partner Certificate	2003



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