

## DC-DC CONVERTER

Part ID	Description	VIN (V)	Iq (uA)	VOUT (V)	VADJ (V)	Accu (%)	RdsON P-Ch(mΩ) N-Ch(mΩ)	Load Current @Vin=3.0V (Max)	UVLO	Internal Soft Start	Eff	Fosc KHz	Package	Cross Ref
A7512	Buck DC-DC W/External Switch	5~40V	70	1.0~25V		±2%	-	-	-	-	92%	400	SOP8	N/A
A7530	Buck DC-DC W/Internal Switch	0.8~10	5	2.7~7.0V		±2%	-	-	-	-	87%	350	SOT-23 SOT-89	N/A
A7106	600mA,1.5MHz Syn.Buck	2.5~5.5	270	1.2V 1.5V 1.8V Adj	0.6~5	±3%	300 200	600	No	No	96%	1500	SOT-25	LTC3406B
A7226	Dual 600mA, 1.5MHz Syn Buck No Burst Mode	2.5~5.5	40	Adj	0.6~5	±3%	350 280	600	No	No	96%	1500	DFN-10 MSOP10	LTC3407
A7136	800mA, 1.5MHz Syn Buck	2.5~5.5	300	1.2V 1.5V 1.8V Adj	0.6~5	±3%	300 200	800	No	No	92%	1500	SOT-25	N/A
A7146	1.2A, 1.5MHz Syn Buck	2.5~5.5	300	Adj	0.6~5	±3%	185 95	1200	No	No	95%	1500	MSOP10	TPS62040
A7156	600mA,1.2MHz Syn Buck W/UVLO & Softstart	2.5~5.5	300	1.2V 1.5V	0.6~5	±3%	300 200	600	Yes	Yes	92%	1500	SOT-25	XC9215
A7166	600mA,1.2MHz Syn Buck w/Low Iq, UVOL and Softstart	2.0~6	35	1.8V Adj	0.5~5	±3%	300 200	600	Yes	Yes	96%	1200	SOT-25	XC9216
A7176	600mA,1.5MHz Syn Buck w/Low Ulq and Fast Transient Response	2.5~5.5	20	Adj	0.6~5	±3%	300 200	600	Yes	Yes	92%	1500	SOT-25	N/A
A7186	600mA,1.5MHz Syn Buck W/Low Iq	2.5~5.5	35	1.2V 1.5V 1.8V Adj	0.6~5	±3%	300 200	600	Yes	Yes	92%	2000	SOT-25	LM3671
A7107	Micropower High Eff Boost DC-DC	0.85~5.5	110	Adj	1.3~5	±3%	300 350	300	No	No	90%	450	SOT-26	N/A
A7117	600mA, 1.2MHz Syn Boost Converter	0.85~5.5	300	Adj	2.5~5	±3%	450 350	600	No	No	90%	1200	SOT-26	LTC3400B
A7127	600mA, 1.2MHz Syn Boost W/Low Iq	0.85~5.5	25	Adj	2.5~5	±3%	450 350	600	No	No	90%	1200	SOT-26	LTC3400
A7104	5Ch, High Eff	1 3.3V	1 1.5V	-	-	-	3 +15V/-7.5V;+5V,+15V	-	-	-	-	-	QFN-32	MAX1565
A7114	5Ch, High Eff	1 5V	1 1.8V	-	-	-	2 +15V/-7.5V;+15V	1 3.3V	-	-	-	-	QFN-32	MAX1584
A7124	5Ch, High Eff	1 5V	1 1.8V	-	-	-	1 15V	1 3.3V	-	-7.5V	-	-	QFN-32	MAX1585
A7134	6Ch, High Eff	1 5V	1 1.8V	1 3.3V	-	-	3 +15V/-7.5V;+5V,+15V	-	-	-	-	-	QFN-40	MAX1566
A7144	6Ch, High Eff	1 5V	1 1.8V	1 3.3V	-	-	2 +15V,+15V	-	-	1 -7.5V	-	-	QFN-40	MAX1567