

Mfr.	Pins	Description	Mfrs. List No.	Order Code	Price Each				
					1+	10+	100+	250+	500+
2954	B'MARQ16	Lithium-Ion charge Management IC with Integrated Switching Controller.....	BQ2954PN	<b>352-8406</b>					
2954	B'MARQ16	Lithium-Ion charge Management IC with Integrated Switching Controller.....	BQ2954SN	<b>SMD NEW 352-8418</b>					
2984	NSC	11/TO-220 Microprocessor Power Supply System. Three LDO Tracking Regs. 500mA.....	LM2984T	<b>953-477†</b>					
3000	AD	8 Micropower Step Up/Down adjustable high frequency Switching Regulator	ADP3000AN	<b>314-6443</b>					
3172	MICR	8 1.25A Switching Regulator, Voltage range 3V to 40V. (IND TEMP) ...	MIC3172BN	<b>.790-333</b>					
3305	UNI	28 Constant Power, High Intensity Discharge Lamp Driver and Controller.	UCC3305N	<b>641-560†</b>					
3350	NSC	8 Switched Capacitor Voltage Converter, provides a 3.3V to 5V step-up or 5V to 3.3V step-down.....	LM3350MM	<b>SMD 688-083</b>					
3352	NSC	8 200mA Buck-Boost switched capacitor DC/DC converter, 2.5V output. (TSSOP).....	LM3352MTC25	<b>SMD 302-4416</b>					
3352	NSC	8 200mA Buck-Boost switched capacitor DC/DC converter, 3.0V output. (TSSOP).....	LM3352MTC30	<b>SMD 302-4428</b>					
3352	NSC	8 200mA Buck-Boost switched capacitor DC/DC converter, 3.3V output. (TSSOP).....	LM3352MTC33	<b>SMD 302-4430</b>					
3420	NSC	5/SOT-23 Lithium-Ion Battery Charge Controller - one cell application, 4.2V...	LM3420AM5-42	<b>SMD 953-660†</b>					
3420	NSC	5/SOT-23 Lithium-Ion Battery Charge Controller - one cell application, 12.6V...	LM3420AM5-126	<b>SMD 953-647†</b>					
3420	NSC	5/SOT-23 Lithium-Ion Battery Charge Controller - one cell application, 12.6V...	LM3420M5-126	<b>SMD 953-696</b>					
3420	NSC	5/SOT-23 Lithium-Ion Battery Charge Controller - one cell application.....	LM3420M5-42	<b>SMD 642-009</b>					
3423	ON	8 Overvoltage Crowbar Protection IC.....	MC3423P1	<b>526-502</b>					
3425	ON	8 Over/Undervoltage Protection IC.....	MC3425P1	<b>642-204</b>					
3488	NSC	8 High efficiency, low side N-channel controller for switching regulators. (MSOP, IND TEMP).....	LM3488MM	<b>SMD NEW 355-0539</b>					
3524	NSC	16 Switched Mode Power Supply Circuit. (Improved version of the Industry Standard 3524).....	LM3524DN	<b>408-300</b>					
3524	ST	16 Switched Mode Power Supply Circuit.....	SG3524	<b>408-323</b>					
3524	TI	16 Switched Mode Power Supply Circuit.....	SG3524D	<b>SMD 595-070</b>					
3524	TI	16 Switched Mode Power Supply Circuit.....	SG3524N	<b>559-192</b>					
3524	ST	16 Switched Mode Power Supply Circuit.....	SG3524P	<b>SMD 559-155</b>					
3524	UNI	16 Enhanced Switched Mode Power Supply Circuit.....	UC3524AN	<b>246-270</b>					
3525	ST	16 PWM Controller up to 500kHz operation with dual source/sink output drivers for power MOS. NOR logic output.....	SG3525AN	<b>408-359</b>					
3526	ON	18 PWM Controller up to 400kHz operation with dual source/sink output drivers for power MOS. NOR logic output.....	SG3526N	<b>699-883</b>					
3543	SG	16 Power Supply Output Supervisory Circuit. Ceramic.....	SG3543J	<b>408-372</b>					
3543	SG	16 Power Supply Output Supervisory Circuit. Plastic.....	SG3543N	<b>527-671</b>					
3570	UNI	14 Low Power PWM Controller up to 500KHz operation with single, Totem-Pole output.....	UCC3570N	<b>641-492†</b>					
3572	UNI	8 Negative Output Flyback PWM.....	UC3572N	<b>700-496</b>					
3573	UNI	8 Buck PWM Step-Down Voltage Regulator.....	UC3573N	<b>700-502</b>					
3578	NSC	8 Switched Mode Regulator.....	LM3578AM	<b>SMD 953-775</b>					
3578	NSC	8 Switched Mode Regulator.....	LM3578AN	<b>408-384</b>					
3583	UNI	14 Switch Mode Secondary Side Post Regulator.....	UCC3583N	<b>113-451</b>					
3610	UNI	8 Dual Schottky Diode Bridge.....	UC3610N	<b>641-534</b>					
3637	UNI	18 Switched Mode Controller for DC Motor Drive.....	UC3637N.	<b>563-390</b>					
3714	UNI	8 Complementary Switch FET Driver with inverted AUX output to drive a P-channel FET.....	UC3714N	<b>.700-563</b>					
3715	UNI	8 Complementary Switch FET Driver with AUX output to drive a N-channel FET.....	UC3715N	<b>.700-575</b>					

† Available until stocks are exhausted

UCC380x Family Features



Part Number	UCC3305*	UCC3800	UCC3801	UCC3802	UCC3803	UCC3804	UCC3805
Application	Constant Power HID Lamp Controller	DC-DC and Battery	DC-DC and Battery	Off-line	DC-DC and Battery	Off-line	DC-DC and Battery
Topology	Boost, Flyback	Buck, Boost	Buck, Boost	Forward, Flyback	Buck, Boost	Forward, Flyback	Forward, Flyback
Reference Voltage		5V	5V	5V	4V	5V	4V
Voltage Reference Tolerance	2%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Peak Output Current	0.5A	1A	1A	1A	1A	1A	1A
Maximum Practical Operating Frequency	500kHz	1MHz	1MHz	1MHz	1MHz	1MHz	1MHz
Outputs	3 - Single and Dual Alternating, Totem Pole	Single, Totem Pole	Single, Totem Pole	Single, Totem Pole	Single, Totem Pole	Single, Totem Pole	Single, Totem Pole
Startup Current		100uA	100uA	100uA	100uA	100uA	100uA
Leading Edge Blanking		Y	Y	Y	Y	Y	Y
Soft Start		Y	Y	Y	Y	Y	Y
Maximum Duty Cycle		100%	50%	100%	100%	50%	50%
Turn-On Threshold		7.2V	9.4V	12.5V	4.1V	12.5V	4.1V
Turn-Off Threshold		6.9V	7.4V	8.3V	3.6V	8.3V	3.6V

All products feature Pulse-by-Pulse Current Limiting and UVLO unless otherwise noted.

\*Does not feature UVLO