

ON SEMICONDUCTOR Power Management

ON Semiconductor®



Power Management

ON Semiconductor

RoHS Compliant This product is RoHS compliant.

OFF-LINE CONTROLLERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	VCC		VO Max. (V)	IO Max. (A)	VIT Typ. (V)	Price Each			
			Min.	Max.				1	25	100	500
Current Mode											
863-NCP5392MNR2G	NCP5392MNR2G	QFN-40	-	5.5	3.5	0.002	-	1.20	1.16	1.10	.985
863-NCP1015ST100T3G	NCP1015ST100T3G	SOT-223	-0.3	10	700	-	-	.86	.83	.795	.709
863-NCP1031MNTXG	NCP1031MNTXG	DFN-8	-0.3	16	-	0.016	-	1.48	1.44	1.36	1.22
863-NCP1200P100G	NCP1200P100G	PDIP-8	-	16	-	0.11	-	1.15	.97	.694	.59
863-NCP1236AD100R2G	NCP1236AD100R2G	SOIC-7	-0.3	28	28	1	-	.96	.922	.888	.811
863-NCP1236BD100R2G	NCP1236BD100R2G	SOIC-7	-0.3	28	28	1	-	.96	.922	.888	.811
863-NCP1200P40G	NCP1200P40G	PDIP-8	-	16	-	0.11	-	.84	.81	.694	.59
863-NCP1200P60G	NCP1200P60G	PDIP-8	-	16	-	0.11	-	1.14	1.03	.694	.59
863-NCP1203P60G	NCP1203P60G	PDIP-8	-	16	-	0.25	12.8	1.16	1.03	.822	.667
863-NCP1216AP100G	NCP1216AP100G	PDIP-7	-	16	-	0.5	-	1.50	1.33	.966	.828
863-NCP1216AP100G	NCP1216AP100G	PDIP-7	-	16	100	-	-	1.50	1.33	.966	.828
863-NCP1250BSN65T1G	NCP1250BSN65T1G	TSOP-6	2.8	28	14	-	-	.72	.68	.612	.558
863-NCP1251BSN65T1G	NCP1251BSN65T1G	TSOP-6	8.2	28	14	-	-	.72	.68	.612	.558
863-NCP1253ASN65T1G	NCP1253ASN65T1G	TSOP-6	8.2	28	14	-	-	1.39	1.35	1.30	1.20
863-NCP1380BDR2G	NCP1380BDR2G	SOIC-8	-0.3	28	15.5	0.8	-	.84	.75	.672	.546
863-NCP1207BDR2G	NCP1207BDR2G	SOIC-7	3	30	5	0.5	-	.84	.81	.777	.693
863-UC3842BNG	UC3842BNG	PDIP-8	-	30	-	1.0	-	.64	.539	.38	.319
863-UC3843BNG	UC3843BNG	PDIP-8	-	-	-	-	-	.71	.55	.419	.356
863-UC3843BVD1G	UC3843BVD1G	SOIC-8	7.6	30	13.5	-	8.4	1.46	1.04	.891	.757
863-UC3844BNG	UC3844BNG	PDIP-8	-	36	-	1.0	-	.64	.539	.38	.319
863-UC3845BVNG	UC3845BVNG	PDIP-8	7.6	30	13.5	-	8.4	1.29	1.08	.86	.713
Current Mode, Quasi Resonant											
863-NCP1207APG	NCP1207APG	PDIP-8	-	16	16	-	-	1.31	1.04	.917	.763
Resonant											
863-MC33067PG	MC33067PG	PDIP-16	9	20	10.3	0.3	16	2.80	2.40	1.70	1.40
Voltage Mode											
863-NCP3020ADR2G	NCP3020ADR2G	SOIC-8	4.7	28	-	-	-	.60	.56	.544	.477
863-NCP3030ADR2G	NCP3030ADR2G	SOIC-8	4.7	28	40	0.13	-	.60	.57	.555	.48
863-MC34060APG	MC34060APG	PDIP-14	7	42	30	0.5	4.7	1.23	1.12	.871	.688

POWER FACTOR CORRECTION



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	VCC Max. (V)	PD Max. (W)	IO Max. (A)	Vref Max. (V)	Restart Max. (V)	Price Each			
								1	25	100	500
Critical Conduction											
863-NCP1607BDR2G	NCP1607BDR2G	SOIC-8	20	0.45	-	2.5	-	.60	.58	.555	.495
863-NCP1608BDR2G	NCP1608BDR2G	SOIC-8	20	0.45	-	2.5	-	.86	.69	.45	.42
863-MC33262DG	MC33262DG	SOIC-8	36	0.45	0.5	2.5	Yes	1.03	.918	.629	.535
863-MC33262PG	MC33262PG	PDIP-8	36	0.8	0.5	2.5	Yes	1.05	.91	.629	.535
Average Current Mode, CCM											
863-NCP1653APG	NCP1653APG	PDIP-8	18	0.45	0.5	-	-	1.40	1.26	1.18	.99
863-NCP1653PG	NCP1653PG	PDIP-8	18	0.8	0.5	-	-	1.51	1.36	1.18	.99
863-NCP1910A65DWR2G	NCP1910A65DWR2G	SOIC-24	20	-	0.5	5.25	-	4.02	3.28	2.94	2.34
863-NCP1910B65DWR2G	NCP1910B65DWR2G	SOIC-24	20	-	0.5	5.25	-	4.02	3.28	2.94	2.34
863-NCP1652ADR2G	NCP1652ADR2G	SOIC-16	20	0.77	0.6	4.36	-	2.97	2.60	2.42	1.92
Current Controlled Frequency Foldback, CRM											
863-NCP1611ADR2G	NCP1611ADR2G	SOIC-8	35	0.55	-	2.54	-	1.06	.85	.555	.487

VOLTAGE REFERENCE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR) Typ. (V)	TA Min. (°C)	TA Max. (°C)	Toler. (%)	IR Min. (mA)	VF Max. (V)	Price Each			
									1	25	100	500
Fixed												
863-LM285Z-1.2G	LM285Z-1.2G	TO-92	1.235	-40	85	1	0.01	-	.74	.618	.436	.366
863-LM285D-2.5G	LM285D-2.5G	SOIC-8	2.5	-40	85	1.5	0.01	-	.71	.60	.424	.356
863-LM285Z-2.5G	LM285Z-2.5G	TO-92	2.5	-40	85	1.5	0.01	-	.72	.60	.424	.356
863-LM385BZ-2.5G	LM385BZ-2.5G	TO-92	2.5	-40	85	1	0.015	-	.67	.563	.397	.333
863-LM385D-2.5G	LM385D-2.5G	SOIC-8	2.5	0	70	3	0.015	-	.66	.563	.397	.333
863-LM385Z-2.5G	LM385Z-2.5G	TO-92	2.5	0	70	3	0.015	-	.63	.525	.371	.311
863-NCP51460SN33T1G	NCP51460SN33T1G	SOT-23-6	3.3	0	100	1	20	30	1.56	1.40	1.24	1.09
863-CAT8900D300TBGT3	CAT8900D300TBGT3	SOT-23-3	3.0	-40	85	1.0mV	10	-	4.16	3.72	3.32	2.90
Adjustable 2.495 to 36V												
863-TL431ACDR2G	TL431ACDR2G	SOIC-8	2.495	0	70	1	1	36	.37	.30	.211	.175
863-TL431ACLPRAG	TL431ACLPRAG	TO-92	2.495	0	70	1	1	36	.28	.26	.20	.165
863-TL431AILPRPG	TL431AILPRPG	TO-92	2.495	-40	85	1	1	36	.38	.315	.221	.184
863-TL431CDR2G	TL431CDR2G	SOIC-8	2.495	0	70	2.2	1	36	.40	.302	.20	.165
863-TL431CLPG	TL431CLPG	TO-92	2.495	0	70	2.2	1	36	.33	.25	.16	.13
863-TL431ACDG	TL431ACDG	SOIC-8	2.495	0	70	1	1	36	.34	.279	.195	.163
863-TL431BIDG	TL431BIDG	SOIC-8	2.495	-40	85	0.4	1	36	.50	.418	.295	.247
863-TL431BVVG	TL431BVVG	SOIC-8	2.495	-40	85	0.4	1	36	.84	.72	.586	.503

