

ON SEMICONDUCTOR Power Management

ON Semiconductor®



Power Management ON Semiconductor

RoHS Compliant This product is RoHS compliant.

REGULATOR ICs

NEW PRODUCT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	VCC		VO Typ. (V)	IO Typ. (A)	Efficiency (%)	fSW Typ. (kHz)	Mode	Price Each			
			Min. (V)	Max. (V)						1	25	100	500
Boost/Flyback/Forward/Inverting/SEPIC													
863-LM2596DSADJR4G	LM2596DSADJR4G	D2PAK	-5	-12	1.23-37	3	-	150	-	2.60	2.51	2.41	1.82
863-LM2594DADJR2G	LM2594DADJR2G	SOIC-8	-5	-12	1.23-37	0.5	-	150	-	.55	.532	.511	.482
863-NCP1589AMNTWG	NCP1589AMNTWG	DFN-10	-	15	0.4	0.008	80	300	Voltage Mode	.48	.46	.437	.387
863-NCP1587ADR2G	NCP1587ADR2G	SOIC-8N	-	15	0.8-5	0.008	80	220	Voltage Mode	.42	.40	.388	.346
863-CS5171GD8G	CS5171GD8G	SOIC-8	2.7	30	---	1.5	---	Up to 500	Current Mode	2.10	1.90	1.32	1.05
863-CS5173GD8G	CS5173GD8G	SOIC-8	2.7	30	---	1.5	---	Up to 1000	Current Mode	2.10	1.75	1.22	1.05
Buck													
863-CS51411ED8G	CS51411ED8G	SOIC-8	4.5	40	---	1.5	---	260	V ²	2.22	1.92	1.40	1.18
863-CS51411GD8G	CS51411GD8G	SOIC-8	4.5	40	---	1.5	---	260	V ²	2.13	1.84	1.34	1.13
863-CS51412ED8G	CS51412ED8G	SOIC-8	4.5	40	---	1.5	---	260	V ²	2.22	1.85	1.29	1.11
863-CS51412GD8G	CS51412GD8G	SOIC-8	4.5	40	---	1.5	---	260	V ²	1.91	1.84	1.34	1.13
863-CS51413ED8G	CS51413ED8G	SOIC-8	4.5	40	---	1.5	---	520	V ²	2.22	1.85	1.40	1.18
863-CS51413GD8G	CS51413GD8G	SOIC-8	4.5	40	---	1.5	---	520	V ²	1.94	1.75	1.40	1.14
863-CS51414ED8G	CS51414ED8G	SOIC-8	4.5	40	---	1.5	---	520	V ²	2.22	1.85	1.29	1.11
863-CS51414GD8G	CS51414GD8G	SOIC-8	4.5	40	---	1.5	---	520	V ²	2.13	1.84	1.34	1.13
863-NCP3155ADR2G	NCP3155ADR2G	SOIC-8	4.7	24	0.8-5	3	-	-	-	.80	.76	.74	.64
863-NCP3155BDR2G	NCP3155BDR2G	SOIC-8	4.7	24	0.8-5	3	-	-	-	.84	.798	.777	.672
863-NCP5393BMNR2G	NCP5393BMNR2G	QFN-48	-0.3	3	1-3.5	-	-	100-900	-	1.56	1.40	1.24	1.01
863-NCP3066DR2G	NCP3066DR2G	SOIC-8	3	40	0.8	-	-	250	-	.94	.916	.869	.775
Step-Down													
863-LM2574N-3.3G	LM2574N-3.3G	PDIP-8	12	40	3.3	0.5	77	---	---	1.78	1.43	1.14	.866
863-LM2575T-ADJG	LM2575T-ADJG	TO-220	12	40	1.23 to 37	1	77	---	---	2.32	1.97	1.44	1.24
863-LM2576T-005G	LM2576T-005G	TO-220	12	40	5	3	77	---	---	2.42	2.01	1.41	1.22
863-LM2576T-ADJG	LM2576T-ADJG	TO-220	12	40	1.23 to 37	3	77	---	---	2.21	1.78	1.41	1.22
863-LM2576TV-ADJG	LM2576TV-ADJG	TO-220	12	40	1.23 to 37	3	77	---	---	2.04	1.84	1.41	1.20
Step-Up/Step-Down													
863-NCP1587DR2G	NCP1587DR2G	SOIC-8N	-	15	0.8-5	0.008	80	300	Voltage Mode	.42	.40	.388	.346
863-NCP3064BDR2G	NCP3064BDR2G	SOIC-8	10	16	-	1.5	-	150	-	.72	.702	.666	.594
863-MC33063ADG	MC33063ADG	SOIC-8	3	40	1.25 to 40	1.5	---	100	Voltage Mode	.79	.616	.529	.397
863-MC33063AVDG	MC33063AVDG	SOIC-8	3	40	1.25 to 40	1.5	---	100	Voltage Mode	.99	.77	.583	.496
863-MC33163DWG	MC33163DWG	SOIC-16W	2.5	40	1.25 to 40	3.4	---	---	Voltage Mode	3.30	2.72	1.83	1.75
863-MC33166TG	MC33166TG	TO-220	7.5	40	1.5 to 40	3	---	---	Voltage Mode	2.79	2.52	2.02	1.84
863-MC33167TG	MC33167TG	TO-220	7.5	40	2.0 to 40	5	---	---	Voltage Mode	3.66	3.24	2.00	1.84
863-MC34063ADG	MC34063ADG	SOIC-8	3	40	1.25 to 40	1.5	---	100	Voltage Mode	.62	.481	.365	.31
863-MC34063AP1G	MC34063AP1G	PDIP-8	3	40	1.25 to 40	1.5	---	100	Voltage Mode	.75	.632	.446	.374
863-MC34163DWG	MC34163DWG	SOIC-16W	2.5	40	1.25 to 40	3.4	---	---	Voltage Mode	3.22	2.64	1.80	1.68
863-MC34163PG	MC34163PG	PDIP-16	2.5	40	1.25 to 40	3.4	---	---	Voltage Mode	3.24	2.70	1.80	1.68
863-MC34166TG	MC34166TG	TO-220	7.5	40	1.5 to 40	3	---	---	Voltage Mode	2.44	2.11	1.53	1.33
863-MC34166THG	MC34166THG	TO-220	7.5	40	1.5 to 40	3	---	---	Voltage Mode	3.03	2.65	1.98	1.55
863-MC34166TVG	MC34166TVG	TO-220	7.5	40	1.5 to 40	3	---	---	Voltage Mode	2.84	2.74	1.85	1.45
863-MC34167TG	MC34167TG	TO-220	7.5	40	2.0 to 40	5	---	---	Voltage Mode	2.79	2.52	2.02	1.87
863-MC34167TVG	MC34167TVG	TO-220	7.5	40	2.0 to 40	5	---	---	Voltage Mode	2.96	2.49	1.75	1.50
863-NCP3064DR2G	NCP3064DR2G	SOIC-8	10	16	-	1.25	-	150	-	.60	.585	.555	.495

INTERFACE DATA TRANSMISSION

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	VCC (V)		tPLH Typ (μs)	No. of Drivers	No. of Receivers	IC Max. (mA)	IO Max. (μA)	I _{IH} Max. (mA)	PC Max. (mW)	Price Each			
			Min.	Max.								1	25	100	500
863-MC1413BDG	MC1413BDG	SOIC-16	-	-	1	7	-	500	50	-	-	.54	.45	.318	.267
863-MC1413BPG	MC1413BPG	PDIP-16	-	-	1	7	-	500	50	-	-	.69	.578	.408	.342
863-MC1413DG	MC1413DG	SOIC-16	-	-	1	7	-	500	50	-	-	.49	.413	.291	.245
863-MC1413PG	MC1413PG	PDIP-16	-	-	1	7	-	500	50	-	-	.59	.495	.35	.292

INTERFACE MODULATORS/DEMODULATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	TA Min. (°C)	zis Typ. (KΩ)	zos Typ. (KΩ)	VCFT Typ. (μV)	VCS Typ. (mV)	AVS Typ. (mV)	B Typ. (MHz)	IIB Typ. (μA)	ACM Typ. (dB)	Price Each			
												1	25	100	500
863-MC1496DG	MC1496DG	SOIC-14	0	200	40	20	65	3.5	300	12	85	.90	.75	.529	.444
863-MC1496PG	MC1496PG	PDIP-14	0	200	40	20	65	3.5	300	12	85	.86	.76	.524	.446

CLOCK SYNTHESIS ICs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semi Part No.	Package	TA Min. (°C)	VCC		tLOCK Max. (ms)	tJitter Typ. (ps)	tsu Min. (ns)	th Min. (ns)	tR & tF Min. (ps)	Max. (ps)	Price Each			
				Min. (MHz)	Max. (MHz)							1	25	100	500
863-NB3N508SDTG	NB3N508SDTG	TSSOP-16	-	-	-	-	-	-	-	-	500	1.59	1.47	1.20	1.16
863-NBC12429FNG	NBC12429FNG	PLCC-28	3.3/5.0	25	400	10	20	20	20	175	425	8.77	7.98	6.84	6.54
863-NBC12430FNG	NBC12430FNG	PLCC-28	3.3/5.0	50	800	10	20	20	20	175	425	8.77	7.98	6.84	6.54