

TEXAS INSTRUMENTS Power Management ICs



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SWITCHING DC-DC REGULATORS (CONT.)

Power Management Texas Instruments

MOUSER STOCK NO.	Texas Instruments Part No.	Package	V _{in}		V _{out}		Switch Current (A)	Switching Freq. (Max.) (kHz)	I _q (Typ.) (mA)	Price Each				
			Min.	Max.	Min.	Max.				1	10	100	1000	
Buck Regulators, Step-Down (Cont.)														
926-LM5007MMX/NOPB	LM5007MMX/NOPB	MSOP-8	9	75	2.5	73	0.725	800	-	3.09	2.78	2.28	1.46	
926-LM5008MM/NOPB	LM5008MM/NOPB	MiniSOIC-8	9.5	95	2.5	75	0.35	600	-	2.74	2.46	2.01	1.29	
926-LM5009MM/NOPB	LM5009MM/NOPB	MiniSOIC-8	9.5	95	2.5	85	0.15	600	-	2.92	2.62	2.10	1.23	
926-LM5009SDC/NOPB	LM5009SDC/NOPB	LLP-8	9.5	95	2.5	85	0.15	600	-	2.92	2.62	2.10	1.23	
926-LM2674MX-12/NOPB	LM2674MX-12/NOPB	SO-8	15	40	11.64	12.36	0.5	260	-	3.17	2.85	2.34	1.50	
926-LM2594MX-ADJ/NOPB	LM2594MX-ADJ/NOPB	SOIC-8	15	40	5	5	0.5	150	0.085	3.17	2.85	2.34	1.50	
DC/DC Controllers (External Switch)														
595-TPS75003RHRLR	TPS75003RHRLR	QFN-20	-	2.2	-	6.5	-	-	0.075	5.00	4.49	3.68	2.36	
595-TPS75003RHRLT	TPS75003RHRLT	QFN-20	-	2.2	-	6.5	-	-	0.075	5.75	5.17	4.23	2.71	
595-TPSS9641RSLT	TPSS9641RSLT	VQFN-48	-0.1	28	0.25	1.52	25	385	6	6.19	5.56	4.56	2.92	
595-UC2572D	UC2572D	SOIC-8	0.5	4.2	-70	35	-	300	9	3.38	3.04	2.49	1.59	
595-TPS63002DRCCR	TPS63002DRCCR	SON-10	1.8	5.5	5	5	1.2	1500	0.03	2.52	2.26	1.82	1.06	
595-TPS40021MPWPEP	TPS40021MPWPEP	TSSOP-16	2.25	5.5	0.7	4	0.005	1000	1.5	8.56	7.74	6.40	4.84	
595-TPS40007DGO	TPS40007DGO	HVSSOP-10	2.25	15	0.7	5.5	-	300	1.5	2.83	2.54	2.08	1.33	
926-LM3488MMX/NOPB	LM3488MMX/NOPB	MSOP-8	2.95	40	1.26	2.4	1	1000	5	2.12	1.90	1.53	.90	
595-TPS64203DBVT	TPS64203DBVT	SOT-23-6	3	1.8	1.2	6.5	-	-	0.02	1.52	1.37	1.10	.648	
595-TPS51116PWP	TPS51116PWP	HTSSOP-20	3	15	1.5	28	-	420	0.35	3.13	2.81	2.30	1.47	
595-TPS40304DRCT	TPS40304DRCT	SON-10	3	20	-	-	25	600	-	2.92	2.62	2.10	1.23	
595-LM27403SQ/NOPB	LM27403SQ/NOPB	WQFN-24	3	20	0.6	19	3.5	1200	-	2.52	2.26	1.82	1.06	
595-LM27403SQE/NOPB	LM27403SQE/NOPB	WQFN-24	3	20	0.6	19	3.5	1200	-	2.89	2.60	2.09	1.22	
595-LM27403SQE/NOPB	LM27403SQE/NOPB	WQFN-24	3	20	0.6	19	3.5	1200	-	2.89	2.60	2.09	1.22	
595-TPS51116PWPR	TPS51116PWPR	HTSSOP-20	3	28	1.5	3	10	400	0.8	2.92	2.63	2.11	1.24	
595-LM251116RGER	TPS51116RGER	VQFN-24	3	28	1.5	3	10	400	0.8	2.92	2.63	2.11	1.24	
595-TPS51116RGET	TPS51116RGET	QFN-24	3	28	1.5	3	10	400	0.8	3.00	2.69	2.21	1.41	
595-LM5122QMHE/NOPB	LM5122QMHE/NOPB	TSSOP-20	3	65	3	100	15	1000	4	5.65	5.07	4.15	2.66	
595-LM5122MHE/NOPB	LM5122MHE/NOPB	HTSSOP-20	3	65	3	100	15	1000	4	4.93	4.43	3.63	2.32	
595-LM5175PWPT	LM5175PWPT	HTSSOP-28	3.5	42	0.8	55	-	600	1.65	7.63	6.89	5.71	4.01	
595-TPS40422RHAT	TPS40422RHAT	QFN-40	4.25	16	0.6	5.6	25	1000	120	7.15	6.46	5.35	3.75	
595-TPS40193DRCCR	TPS40193DRCCR	SON-10	4.5	15	0.591	18	-	600	4	2.65	2.38	1.91	1.12	
595-TPS40200D	TPS40200D	SOIC-8	4.5	20	0.7	52	-	450	1.4	2.32	2.08	1.67	.985	
595-TPS51020DBT	TPS51020DBT	SM8-30	4.5	20	0.9	28	-	500	1.1	6.27	5.63	4.61	2.95	
595-TPSS53219ARGTT	TPSS53219ARGTT	QFN-16	4.5	25	0.6	5.5	50	1070	-	3.69	3.32	2.72	1.74	
595-TPS51631RSMT	TPS51631RSMT	QFN-32	4.5	28	0.5	2.3	-	1000	6	4.53	4.07	3.33	2.13	
926-LM3489MMX/NOPB	LM3489MMX/NOPB	MSOP-8	4.5	35	1.24	2.5	4	1400	0.28	1.60	1.43	1.11	.608	
595-TPS43060RTET	TPS43060RTET	SO-8	4.5	38	4.5	58	-	1000000	0.6	3.83	3.44	2.82	1.81	
595-TPS43061RTET	TPS43061RTET	WQFN-16	4.5	40	4.5	60	-	1000	0.6	3.83	3.44	2.82	1.81	
926-LM25117PSQE/NOPB	LM25117PSQE/NOPB	LLP-24	4.5	42	4.5	14	9	230	-	4.67	4.19	3.44	2.20	
595-TPS40210DGO	TPS40210DGO	HVSSOP-10	4.5	52	5	260	6	1000	-	2.54	2.29	1.84	1.08	
595-TPS40210DQQR	TPS40210DQQR	HVSSOP-10	4.5	52	5	260	6	1000	-	2.12	1.90	1.53	.90	
595-TPS40210DRCT	TPS40210DRCT	SON-10	4.5	52	5	260	6	1000	-	2.44	2.19	1.76	1.03	
595-TPS40170RGT	TPS40170RGT	VQFN-20	4.5	60	-	-	20	600	-	5.77	5.18	4.24	2.72	
926-LM25117PMH/NOPB	LM25117PMH/NOPB	TSSOP-20	6	36	3.3	7.6	9	230	-	4.86	4.36	3.58	2.29	
595-TPS40055PWP	TPS40055PWP	HTSSOP-16	8	20	0.7	40	-	1000	1.5	4.43	3.98	3.26	2.09	
595-TPS40057PWP	TPS40057PWP	HTSSOP-16	8	20	0.7	40	-	1000	1.5	4.43	3.98	3.26	2.09	
595-TPS40055PWPR	TPS40055PWPR	HTSSOP-16	8	40	0.7	35	20	1000	1.5	3.69	3.32	2.72	1.74	
595-TPS40057PWPR	TPS40057PWPR	HTSSOP-16	8	40	0.7	35	20	1000	1.5	3.69	3.32	2.72	1.74	
595-TPS40061PWP	TPS40061PWP	HTSSOP-16	10	10	55	0.7	-	1000	1.5	4.57	4.11	3.37	2.16	
926-LM5020MMX-1/NOPB	LM5020MMX-1/NOPB	MSOP-8	13	100	1.25	7.7	2	50	-	2.12	1.90	1.53	.90	
High-Current, Step-Down														
926-LP3906SQJXXI/NOPB	LP3906SQJXXI/NOPB	LLP-24	2.7	5.5	0.8/1.0	2.0/3.5	1.5/1.5/0.3/0.3	2000	0.04	2.64	2.25	1.95	1.39	
926-LM214201HTZX/NOPB	LM214201HTZX/NOPB	TO-PMOD-7	6	42	5	24	1	400	-	8.68	8.55	7.37	7.00	
Isolated Regulators														
595-TPS55010RTER	TPS55010RTER	WQFN-16	2.95	6	5	20	0.1	2000	-	2.62	2.36	1.89	1.11	
595-TPS55010RTET	TPS55010RTET	WQFN-16	2.95	6	5	20	0.1	2000	-	2.71	2.44	2.00	1.28	
926-LM5018MR/NOPB	LM5018MR/NOPB	PSOP-8	9	100	1.25	90	0.7	1000	1.75	4.00	3.59	2.94	1.89	
Inverting Charge Pump Regulators														
595-TPS60401DBVT	TPS60401DBVT	SOT-23-5	0.06	1.6	-1.6	5.5	-	25	0.07	1.27	1.08	.832	.581	
595-TPS60402DBVT	TPS60402DBVT	SOT-23-5	0.06	1.6	-1.6	5.5	-	80	0.275	1.27	1.08	.832	.581	
595-TPS60403DBVT	TPS60403DBVT	SOT-23-5	0.06	1.6	-1.6	5.5	-	400	0.4	1.27	1.08	.832	.581	
Inverting Regulators														
595-TPS63700DRCT	TPS63700DRCT	SON-10	0.36	2.7	-15	5.5	-	1380	0.97	2.65	2.38	1.91	1.12	
595-TPS54356PWP	TPS54356PWP	HTSSOP-16	3	4.5	-	20	3.3	700	9	5.36	4.81	3.94	2.53	
595-MC34063ADR	MC34063ADR	SOIC-8	3	40	1.55	40	0.75	100	4	.60	.505	.308	.238	
595-TL497ACD	TL497ACD	SOIC-14	4.5	12	-25	30	0.5	-	11	1.76	1.50	1.20	.866	
SIMPLE SWITCHER® Non-Isolated Regulators														
595-LM21050SILT	LM21050SILT	uSIP-8	2.7	5.5	0.6	3.6	0.65	2000	9.5	2.43	2.36	2.16	1.68	
595-LM210501SILT	LM210501SILT	uSIP-8	2.7	5.5	0.6	3.6	1	2000	9.5	4.37	3.92	3.22	2.00	
595-LM220502SILT	LM220502SILT	uSIP-8	2.7	5.5	0.8	3.6	2	3200	-	5.36	4.82	3.95	2.45	
595-LM230602RKGTT	LM230602RKGTT	QFN-39	2.95	6	0.8	3.6	6	2000	-	5.34	5.18	4.72	3.81	
595-LM230604RKGTT	LM230604RKGTT	QFN-39	2.95	6	0.8	3.6	4	2000	-	6.88	6.68	6.09	4.91	
595-LM230606RKGTT	LM230606RKGTT	QFN-39	2.95	6	0.8	3.6	6	2000	-	8.15	7.92	7.22	5.82	
595-LM231506RUQT	LM231506RUQT	QFN-47	2.95	14.5	0.6	5.5	6	780	-	9.31	9.16	7.90	7.05	
595-LM231707RVQTT	LM231707RVQTT	QFN-42	2.95	17	0.6	5.5	7	1200	-	11.10	10.93	9.42	8.41	
595-LM231710RVQTT	LM231710RVQTT	QFN-42	2.95	17	0.6	5.5	10	1200	-	15.28	15.04	12.96	11.57	
595-LM231704RVQTT	LM231704RVQTT	QFN-42	2.95	17	2.95	5.5	4	1200	-	8.97	8.83	7.61	6.79	
595-LM231520RLGTT	LM231520RLGTT	QFN-72	3	14.5	0.6	3.6	20	850	-	20.47	20.16	17.32	15.75	
595-LM231530RLGTT	LM231530RLGTT	QFN-72	3	14.5	0.6	3.6	30	850	-	24.85	24.48	21.03	19.12	
595-LM221700SILT	LM221700SILT	SMD-8	3	17	0.9	6	6.5	2500	0.017	4.24	3.81	3.12	2.00	
595-LM221701SILT	LM221701SILT	SMD-8	3	17	0.9	6	1	2500	0.017	4.79	4.30	3.52	2.26	
595-LM231503RUQTT	LM231503RUQTT	QFN-47	4.5	14.5	0.8	5.5	3	780	-	7.70	7.48	6.82	5.50	
595-LM234002RKGTT	LM234002RKGTT	QFN-41	4.5	40	-3	-17	2	900	-	11.52	11.34	9.77	8.73	
926-LM222003TZ/NOPB	LM222003TZ/NOPB	PFM-7	6	20	0.8	6	3	950	2.6	9.32	9.18	7.91	7.06	
926-LM222005TZ/NOPB	LM222005TZ/NOPB	PFM-7	6	20	0.8									