

Power Supply Management IC (Non-Synchronous)

Part No.	Max Input Voltage	Output Voltage	Max Current	Frequency	Efficiency	Package	Precision
TD1410	20V	ADJ	2A	380KHZ	95%	SOP8	3%
TD1501	45V	3.3V/5V/ADJ	3A	150KHZ	90%	TO220/263	3%
TD1501H	56V	5V/ADJ	3A	150KHZ	90%	TO220/263	3%
TD1507	45V	ADJ	3A	150KHZ	90%	TO-252	3%
TD1509	45V	ADJ	2A	150KHZ	90%	SOP8	3%
TD1534	20V	ADJ	2A	380KHZ	95%	SOP8	3%
TD1583	28V	ADJ	3A	380KHZ	95%	SOP8	3%
TD1591	32V	ADJ	2A	380KHZ	95%	SOP8	3%
TD2676	32V	ADJ	2.5A	52KHZ	95%	SOP8	3%
TD3111	32V	ADJ	2.2A	52KHZ	95%	SOP8	3%
TD3112	32V	ADJ	2.2A	380KHZ	95%	SOP8	3%
TD7580	23V	ADJ	4A	240KHZ	95%	SOP8	3%
TD7590	36V	ADJ	5A	240KHZ	95%	TO-263	3%

Power Supply Management IC (Synchronous)

Part No.	Max Input Voltage	Output Voltage	Max Current	Frequency	Efficiency	Package	Precision
TD1482A	23V	ADJ	2A	340KHZ	93%	SOP8	2%
TD1483A	23V	ADJ	2.2A	340KHZ	93%	SOP8-PP	2%
TD1484A	23V	ADJ	3.2A	340KHZ	93%	SOP8-PP	2%
TD1484B	23V	ADJ(PSM)	3.2A	340KHZ	93%	SOP8-PP	2%
TD1519	32V	ADJ	2A	340KHZ	93%	SOP8-PP	2%
TD1519A	32V	ADJ	2A	600KHZ	93%	SOP8-PP	2%
TD1529	32V	ADJ	1.6A	340KHZ	93%	SOP8	2%
TD2776	32V	ADJ	2.2A	340KHZ	93%	SOP8-PP	2%
TD2776A	32V	ADJ	2.2A	600KHZ	93%	SOP8-PP	2%
TD2776B	22V	ADJ	3A	600KHZ	93%	SOP8-PP	2%
TD6810	5.5V	1.2/1.5/3.3/ADJ	800mA	1.5MHZ	96%	SOT23-5	2%

TD6811	5.5V	1.2/1.5/3.3/ADJ	1.2A	1.5MHZ	96%	SOT23-5	2%
TD6811B	5.5V	1.2/1.5/3.3/ADJ	1.2A	1.5MHZ	96%	SOT23-5	2%
TD6814	5.5V	1.2/1.5/ADJ	1.2A	1.5MHZ	96%	SOT23-5	2%
TD6817	5.5V	1.2/1.5/ADJ	2A	1.5MHZ	96%	SOT23-5	2%
TD6821	5.5V	1.2/1.5/ADJ	1.5A*2	1.5MHZ	96%	SOP8	2%

Power Supply Management IC (Step-up Converter)

Part No.	Max Input Voltage	Output Voltage	Max Current	Frequency	Efficiency	Package	Precision
TD8201	6V	20V	350mA	1.25MHZ	88%	SOT23-6	3%
TD8202	6V	20/28/35V	1A	1MHZ	90%	SOT23-6	3%
TD8203	6V	24V	2A	1.5MHZ	90%	SOT23-6	3%
TD8208	6V	6V	2A	1MHZ	90%	SOT23-6	3%
TD8210	6V	20V	2A	1.5MHZ	88%	SOT23-5	3%
TD8211	6V	20V	2A	1.5MHZ	88%	SOT23-6	3%
TD8213	20V	30V	3.5A	1.2MHZ	95%	DFN-10	3%
TD8228	6V	6v	2A	1MHZ	95%	SOT23-6	3%
TD8577	5V	5V	2.1A	1.2MHZ	92%	DFN-12 QFN-16 TSSOP16	3%
TD8587	5V	5V	2.1A	1.2MHZ	92%	ESOP8	3%

PWM Controller

Part No.	Max Input Voltage	Output Voltage	Max Current	Frequency	Efficiency	Package	Precision
TD1720	16V	ADJ	20A	300KHZ	93%	SOP8/DFN 3*3-10	2%
TD1722	16V	ADJ	25A	200/300/600KHZ	93%	SOP8/DFN 3*3-10	2%
TD1728	35V	ADJ	25A	290-430KHZ	93%	DFN3*3-10	2%
TD1729	35V	ADJ	25A	290-430KHZ	93%	DFN3*3-10	2%

LDO Regular & DDR Terminator

Part No.	IOUT	VOUT	VDROP OUT	Line Regulation	Load Regulation	Package	Precision
TD5830B	3A	1.2/1.5/1.8/2.5/ADJ	240mV	0.15%(ADJ)	0.06%(ADJ)	SOP8-PP	2%
TD5860A	2A	FOR DDR MEMORY	240mV	0.15%(ADJ)	0.06%(ADJ)	SOP8-PP	2%

MOSFET

Part No.	Package	Configuration	BV(V)	VGS(V)	Vt(V)	RDS(ON) Max(Typ)(mΩ)			Qg (Vg=4.5V) Typ-nC	ID(A)
						Vg_10V	Vg_4.5V	Vg_2.5V		
TDM2301	SOT-23-3L	Single-P	-20	±12	-0.6		72(90)	115(98)	9	-3
TDM2301S	SOT-23-3L	Single-P	-20	±12	-0.6		130(170)	1702(220)	5	-1.5
TDM2302	SOT-23-3L	Single-N	20	±10	0.7		20(40)	40(75)	5	5
TDM2302S	SOT-23-3L	Single-N	20	±10	0.7		50(70)	90(110)	5	3
TDM2305	SOT-23-3L	Single-P	-20	±12	-0.6		60(70)	70(95)	10.5	-3.5
TDM2306	SOT-23-3L	Single-N	30	±20	0.7	30	35	50	8.5	5
TDM3415S	SOT-23-3L	Single-P	-20	±12	-0.6		130(170)	170(220)	5	-1.5
TDM4953	SOP8	Single-P	-30	±20	0.6	53	85		12	-5.1
TDM8205	SOT23-6	Single-P	-20	±10	0.6		22(30)	30(45)	11	-4
TDM9435	SOP8	Single-P	-30	±20	0.6	53	85		12	-5.1

Audio Amplifier

Part No.	Package	Description
TD9721	SOP14/TSSOP14	Stereo, Differential Input Cap-Free Line Driver (Input Voltage 3V-3.6V)
TD9722	SOP14/TSSOP14	Stereo, Differential Input Cap-Free Line Driver (Input Voltage 2.3V-5.5V)
TD9772A	TSSOP24	4 Inputs Selectable Stereo Class-AB Audio Amplifier
TD9731	MSOP10	Capless 2Vrms to 3Vrms Line Driver with Adjustable Gain

Interface Circuit

Part No.	Package	Description
TD75232	SOP20/SSOP20/TSSOP20	Multiple RS-232 drivers and receivers

USB Single Power Switches

Part No.	Package	Description
TD9516-TD9519	STO23-5	USB Power-Distribution Switches

Battery Management

Part No.	Package	Description
TD9056	SOP8-PP	1A standalone linear Li-Ion battery charger with thermal regulation
TD9157	WCSP	Fully Integrated Switch-Mode charger with USB compliance and USB-OTG support