

CROSS REFERENCE LIST

TOP POWER 顶源



Cross reference list for 0.1W-3W DC/DC power module														
item No.	Toppower					Other manufacture replaced								
	Part Series	Power (W)	Output type	Isolation (V)	Package	MURATA	MORNSUN	RECOM	PEAK	TRACO	MPD (Micro Power Direct)	MINMAX	Meanwell	XP
1	TPTE-W2	0,25	1	1000	SMD	/	B_(x)T-W2	R0.25S	PSDV	/	/	/		ISK
2	TPTE	1	1	1000	SMD	NTE	B- (x) T-1W	R1S	PSD	TSM/TES	LF100ES	MSAU100		ISE
3	TPTA	1	2	1000	SMD	NTA	A- (x) T-1W	R1D	PMA	/	LF100ED	/		ISG/ISA
4	TPTV	1	2	3000	SMD	NTV	F-T-1W ; E-T-1W	/	PEV3	/	LF100EDI	MSLU300	SFT01	ISF
5	TPLE-W1	0,1	1	1000	SIP/DIP	/	B_S(D)-W1	/	/	/	/	/		
6	TPLE	0,25	1	1000	SIP/DIP	LME	B_S(D)-W2	LME	RM	P2AU	/	/		IK
7	TPR-w2	0,25	1	1000	SIP/DIP	/	B_LS(D)-W25	/	/	/	/	/		
8	TPLE-W5	0,5	1	1000	SIP/DIP	/	B_S(D)-W5	/	ROL	P3AU	/	/		
9	TKA-A(single)	1	1	3000	SIP/DIP	/	B-LM-1W (SIP) / (DIP)	RB(19.0*6.0*10)	/	/	/	/		
10	TKA	1	2	3000	SIP/DIP	NKA	A-M-1W(SIP)1kv E-M-1W(SIP)3kv	RB	/	/	/	/		
11	TPA-A(Single)	1	1and2	3000	SIP/DIP	NMR	B-LD-1W(DIP)	/	/	/	/	/		IQ
12	TPA (Dual)	1	1and2	3000	SIP/DIP	NMA	A-S-1W(SIP) ; A-D-	RB	P6CU	TMA	/	MAU100		IB/IQ
13	TPNA	1	2	3000	SIP	MEA	A_S-1W	RB		TMA-D	/	/		IA-S/ITA
14	TPB-1W	1	1	3000	SIP	/	IB_LS-1W	RY	P6CG	/	/	/		
15	TPD	1	Twin output	1000	SIP/DIP	NMD	D- (N) S-1W ; D- (N) D-1W	RU	P6CUI/P6DUI	/	D100ED(N)	/		
	TPD-2w	2					D-S-2W							
	TPD-3w	3					WRDxxxxP-3W	/	/	/	/	/		
16	TPE	1	1	1000	SIP/DIP	NME ; MEE1S	B-S-1W(SIP) ; B-D-1W(DIP)	RO	P6AU	TME	E100E	MBU100	SMU01 /SMA01	IE
17	TPE0505S	1	1	1000	SIP	NME ; NMR	B0505S-1W ; B0505LS-1W	RO RB	P6AU	/	E100E D100R	MBU100		
18	TKE	1	1	3000	SIP/DIP	NKE	F-M-1W(SIP) ; F-N-1W(DIP)	r-s /ROM - S	/	/	/	/		

17	TPF	1		3000	SIP/DIP	NMF	IF-S-1W ; IF-D-1W	RY	/	/	/	/		
19	TPI	1	2	3000	SIP	/	IA-(K)S-1W ; IE-S-1W	/	/	/	/	/		
20	TPJ	1	1 and 2	6000	SIP	NMJ	H-S-1W ; G-S-1W	RXXPXX	P6LU	/	D100EH/D100VHI	/		IHA01
21	TP2L-1W	1	1 and 2	1000	SIP	/	WRB-CkS-1W ; WRA-S-1W WRF_S-1WR2	/	P (C) 6NG	/	DA100ERW	/		
22	TPR	1	1	3000	SIP	NMR	B_LS-1WR	REE	/	TMA -S	D100R	SPR01		ITB
23	TPV	1	1 and 2	3000	SIP/DIP	NMV ; MEV	F-S(D)-1W ; E-S(D)-1W	RK-S ; RH-s	P6LU/P6MU/P6MG(DIP)	TMV/TMV-EN	D100EI	MAU200		ITV / IV
24	TPB	2	1	3000	SIP	/	IB_S-2W	/	PC -LF	TRA1	/	/		
25	TPG	2	1	3000	SIP	NMG	B-S-2W	/	/	TMH-S	D200E/D200EI	/		
26	TPH	2	1and2	3000	SIP/DIP	NMH	B-D-2W(DIP) ; A-S-2W(SIP) A-D-2W(DIP)	/	P10CU	TMH-D	/	MAU300		IH
27	TPJ-2W	2	1and 2	6000	SIP	/	H-S-2W ; G-S-2W	/	/	/	/	/		
28	TPK	2	1 and 2	3000	SIP	NMK	F-S-2W ; E-S-2W	/	P10LU	/	/	/	SPU02	IHL02
	TPK - 3w	3					/	/	/	/	/	/	SPU03	IR
29	TPL	2	1	3000	SIP	NML	B-M-2W	RI	P10AU	/	E200E	/		IL**S
30	TPS	2	2	6000	DIP	NMS	H-D-2W ; G-D-2W	/	/	/	/	/		
31	TP2L	2	1	1000	SIP	NDL	WRB-CS-2W ; WRA-CS-2W	RS-S-D(Z)	P(C)10NG	TMR_2E/TMR_2	D200ERW	MCW1000	SPA02	IM
32	TP2L-3W	3	1and 2	1000/3000	SIP	/	WRB-CS-3W ; WRA-S-3W ; WRF_S-3WR2	RS3	P(C)14NG	TMR_3E/TMR_3	D300RW	MCW03	SPB03	IP
33	TP2S	3	1	1000	DIP	NDTS	WRB-ZP-3W	RW	/	/	/	/		
34	TP2D	3	2	1000	DIP	NDTD	WRA-ZP-3W	RW	/	/	/	/		
35	TP03DA	3	1 and 2	1500/3000	DIP		WRB-ZP-3W ; WRA-ZP-3W PWB_ZP-3WR2(4:1)	REC3		TEN 3			SCW03B SCW03A	JCE03 JCA03
36	TP03DB	3	1 and 2	1500/3000	DIP	/	WRB_YMD-3W ; WRA_YMD-3W	/	/	/	/	/		
37	TP2H	3	2	1000	SIP	NDH	/	/	/	/	/	/		
38	TP2Y	3	1	1000	DIP	NDY	MSB- (M) D-3W	RW-S	/	/	/	/		
39	TPG-3W	3	1	1000	SIP	/	/	/	/	/	/	MA03		
40	TPT	3	3	1000	SIP	NMT	/	/	/	/	/	/		

Aimtec & TOPPOWER cross reference list

Aimtec parts	Description	Toppower replaced Model
AM1/4L-0305S-NZ	AIM PBF	TPTE0305-W2
AM1/4L-0505SH30-NZ	Pb free AIMTEC	TPTV0505-W2
AM1D-0505SH30Z	SIL7 Pb free AIMTEC 3KVDC isolated	TPV0505SA 3KVDC isolated
AM1D-0505SH52Z	SIL7 Pb free AIMTEC 5.2KVDC isolated	TPV0505SA 5.2KVDC isolated
AM1D-0505SZ	SIL7 Pb free SPQ25 AIMTEC	TPR0505S-1W /TPR100
AM1D-0515D-NZ	SIL7 MPQ25 AIMTEC	TPA0515S
AM1D-2405SZ	SIL7 RoHS MPQ25 AIMTEC	TPR2405S-1W
AM1D-2412DZ	AIMTEC	TPA2412S
AM1D-2412SH30Z		TPR2412S-1W
AM1G-2405SZ	SIP8 Pb free MPQ22 AIM	TP2L24S05S-1W
AM1L-0303S-NZ	AIMTEC	TPTE0303
AM1L-0505D-NZ	AIMTEC	TPTA0505
AM1L-0505S-NZ	SMD Pb free SPQ15 AIMTEC	TPTE0505
AM1L-0505SH30-NZ	RoHS MPQ12 AIMTEC	TPTV0505A
AM1D-0505SH60-NZ	AIMTEC	TPJ0505SA
AM1L-0512D-NZ	Pb free	TPTA0512
AM1L-0512S-NZ	Pb free AIMTEC	TPTE0512
AM1L-0515S-NZ	AIMTEC	TPTE0515
AM1L-1205S-NZ	RoHS MPQ15 AIMTEC	TPTE1205
AM1P-0505S-NZ	DIL8 Pb free MPQ40 AIM	TPE0505D
AM1P-0505SZ	DIL8 Pb free MPQ40 AIMTE	TPE0505D

AM1P-1205SZ		TPE1205D
AM1P-1209SZ	AIMTEC	TPE1209D
AM1P-1212SZ	DIL8 Pb free MPQ40 AIMTEC	TPE1212D
AM1P-1215SZ		TPE1215D
AM1P-2405SH30Z	DIL8 Pb free SPQ40 AIMTEC	TKE2405D
AM1P-2412SZ		TPE2412D
AM1P-2415SZ		TPE2415D
AM1S-0503SZ	SIL4 Pb free MPQ42 AIMTEC	TPE0503S
AM1S-0505SH30-NZ	SIL4 PBF MPQ43 AIMTEC	TKE0505S , 3K isolation
AM1S-0505SH30Z	SIL4 Pb free AIMTEC MPQ42	TKE0505S , 3K isolation
AM1S-0505SZ	SIL4 PBF MPQ42 420box AIMTEC	TPE0505S
AM1S-0509SZ	SIL4 Pb free MPQ42 AIMTEC	TPE0509S
AM1S-0512SZ	SIL4 Pb free MPQ42 AIMTEC	TPE0512S
AM1S-0515SH30Z		TKE0515S , 3K isolation
AM1S-0515SZ	SIL4 Pb free SPQ42 AIMTEC	TPE0515S
AM1S-0524SH30Z	SIL4 Pb free MPQ42 AIMTEC	TKE2405S , 3K isolation
AM1S-0524SZ	SIL4 Pb free MPQ42 AIMTEC	TPE0524S
AM1S-1203SZ		TPE1203S
AM1S-1205SZ	SIL4 Pb free MPQ42 AIMTEC	TPE1205S
AM1S-1212SZ	SIL4 Pb free MPQ42 AIMTEC	TPE1212S
AM1S-1215SZ	SIL4 Pb free SPQ42 AIMTEC	TPE1215S
AM1S-2403SZ	SIL4 PBF SPQ42 AIMTEC	TPE2403S
AM1S-2405SZ	SIL4 Pb free MPQ42 AIMTEC	TPE2405S

AM1S-2412SZ	Pb free SIL4 MPQ42 AIMTEC	TPE2412S
AM1S-2415SZ	SIL4 RoHS MPQ42 AIMTEC	TPE2415S
AM1S-2424SZ	SIL4 Pb free AIMTEC	TPE2424S
AM1SS-0505-SZ	DC/DC 5VDC/5VDC 1W 3kVD	TPE0505SP
AM1SS-0515SH30	DC/DC 5VDC/15VDC 1W 3kVDC	TKE0515S , 3K isolation
AM2D-0503SH30-Z	Pb free AIMTEC	TPG0503S
AM2D-0503SZ	SIL7 Pb free MPQ25 AIMTEC	TPG0503S
AM2D-0505DZ	SIL7 Pb free SPQ25 AIMTEC	TPH0505S
AM2D-0505SH30-NZ	Pb free MPQ25 AIMTEC	TPG0505S
AM2D-0505SZ	SIL7 Pb free AIMTEC	TPG0505S
AM2D-0512DZ	SIL7 Pb free MPQ25 AIMTEC	TPH0512S
AM2D-0515DZ		TPH0515S
AM2D-1215DZ	SIL7	TPH1215S
AM2D-1215SZ	SIL7 RoHS MPQ25 AIMTEC	TPG1215S
AM2D-2405SZ	SIL7 Pb free MPQ25 AIMTEC	TPG2405S
AM2D-2412SZ	Pb free AIMTEC	TPG2424S
AM2D-2415DZ	SIL7 Pb free SPQ25 AIMTEC	TPH2415S
AM2D-2412SH30Z	AIMTEC SIP7 3KVDC	TPK2412SA, a little different in size
AM3D-0512DZ	AIMTEC SIP7 1KVDC	TPH0512S-3W
AM3D-0512SZ	AIMTEC SIP7 1KVDC	TPG0512S-3W
AM2S-0505SZ	SIP4 Pb free MPQ25 AIMTEC	TPL0505S
AM2S-0509SZ	SIL4 Pb free SPQ42 AIMTEC	TPL0509S
AM2S-0512SZ	SIL4 Pb free MPQ42 AIMTEC	TPL0512S

AM2S-0515SZ	SIL4 RoHS SPQ42 AIMTEC 42 or Replacement	TPL0515S
AM2S-0515SZ	SIL4 RoHS SPQ42 AIMTEC	TPL0515
AM2S-0503SH30Z	2W , 3KVDC isolated	TPL0503S 3KVDC isolated
AMSR1-7805-NZ	Pb free SPQ43 AIMTEC	TP78L5.0-1
AMSR1-783.3-NZ	MPQ42 Pb free AIMTEC	TP78L3.3-1
AM5T-1215DZ	RoHS AIMTEC	TP05DA12D15
AM1D-0515DZ	RoHS AIMTEC	TPA0515S
AM15E-2424SZ	Pb free AIMTEC	TP15DC24S24
AM10E-2405SZ	AIMTEC	TP10DC24S05
AM2D-0524SZ	AIMTEC	TPG0524S
AM1D-0512DZ	AIMTEC	TPA0512S
AM1D-0515SZ	AIMTEC	TPR102 /TPR0515S-1W
AM1D-2405SZ	AIMTEC	TPR2405S-1W
AM1D-0505DZ	AIMTEC	TPA0505S
AM10EW-2405SZ	AIMTEC	TP10DC24S05W
AM10TW-2405DZ	AIMTEC	TP10DC24D06W
AM10E-2405SZ	AIMTEC	TP10DC24S05
AM1DS-0303S-NZ	AIMTEC	TPB0303S-1W
AM1DS-**-NZ	AIMTEC	TPB**S-1W
AM6T-1205S	AIMTEC	TP06DA12S05
AM3T-RZ	AIMTEC	TP03DA
AM40U-2405SAZ	AIMTEC	TP40DG24S05
AME15-24SMAZ	AIMTEC	TP15AT220S24W

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AM3G-2412SZ	3W SIP8	TP2L24S12S-3W
AM1D-0505SH30Z	AIMTEC	TPV0505SA
AM4T	AIMTEC	TP04DA

EVN electronic components GmbH | Maybachstrasse 39 | 73037 Göppingen 07161 606 860 | info@evn-components.de | www.evn-components.de

Cross reference list for Non isolated DC-DC power module

Item No.	TOPPOWER									Morunsun	XP power	RECOM
	Part series	Power (W)	input voltage (V)	output voltage (V)	Isolated voltage (V)	package	Size (mm)	output	SC protection	Part No.	Part No.	Part No.
1	TP78XX-0.5	/	12, 24	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	/	SIP	10.5*11.6*7.5	Regulated	yes	K7805-500R2	SR05S	R-78Exx-0.5
										K78L03-500R2		(R-78E5.0-05)
										K78L05-500R2		
										K78L03-500		
2	TP78XX-1	/	12, 24	1.5, 1.8, 2.5, 3.3, 5.0	/	SIP	10.5*11.6*7.5	Regulated	yes	K78XXM-1000	SR10S	
3	TP78LXX-1	/	12, 24	1.5, 1.8, 2.5, 3.3, 5.0, 6.5, 9.0, 12, 15	/	SIP	17.5*9.0*11.5	Regulated	yes			
4	TP78LXX-1.5	/	12	1.5, 1.8, 2.5, 3.3, 5.0, 6.5	/	SIP	17.5*9.0*11.5	Regulated	yes			
5	TP78XX-2	/	12	1.5, 1.8, 2.5, 3.3, 5.0, 6.5	/	SIP	17.5*9.0*11.5	Regulated	yes			

Cross reference list for 5W-40W DC/DC power module

Item No.	TOPPOWER										Morunsun	RECOM	Murata	TRACO	XP power	Meanwell
	Part series	Power (W)	input voltage (V)	output voltage (V)	output type	Isolated voltage (V)	package	efficiency	output	SC protection	Part No.	Part No.	Part No.	Part No.		Part No.
1	TP05DB TP06DB	5 6	12 (2:1) 9-18	3.3、 5、 12、 15/±5、 ±12 、 ±15	1 and 2	1500	DIP	80%	Regulated	yes	WRB_YMD-6W		NMX_UC			
			24 (2:1) 18-36													
			48 (2:1) 36-72													
			24 (4:1) 9-36 48 (4:1) 18-72													
2	TP05DA TP06DA	5 6	12 (2:1) 9-18	3.3、 5、 12、 15、 24/±5、 ±12、 ±15	1 and 2	1500	DIP	80%	Regulated	yes	WRB_ZP-6W	REC5		TEL5		SCW05A
			24 (2:1) 18-36												SCW05B	
			48 (2:1) 36-72									REC6	NCM6		JCD06	
			24 (4:1) 9-36 48 (4:1) 18-72										TEN 5	JCA06		
3	TP10DC	10	12 (2:1) 9-18	3.3、 5、 12、 15/±5、 ±12 、 ±15	1 and 2	1500	DIP	81%	Regulated	yes	WRB_(X)D-10W	REC10(without CTRL pin)		TEN10	JCH10	SKE10
			24 (2:1) 18-36													
			48 (2:1) 36-72													DKE10
			24 (4:1) 9-36													
			48 (4:1) 18-72													
4	TP15DC	15	12 (2:1) 9-18	3.3、 5、 12、 15/±5、 ±12 、 ±15	1 and 2	1500	DIP	85%	Regulated	yes	VRB_LD-15W	REC15(without CTRL pin)		TEN 15	JCK15	TKE15A
			24 (2:1) 18-36												DKE15	
			48 (2:1) 36-72												DKA15	
															SKA15	

5	TP15DD	15	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	85%	Regulated	yes	VRB_D-20W VRA_D-20W / /						
6	TP20DD	20	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	86%	Regulated	yes	VRB_D-20W VRA_D-20W / /	WPN20R					
7	TP25DD	25	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	86%	Regulated	yes	VRB_D-30W VRA_D-30W / /	UHE-3.3/7500-D48-C	TEN 25				
8	TP25DG	25	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	86%	Regulated	yes	/ / / /						SDM30 TKA30
9	TP30DD	30	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	87%	Regulated	yes	VRB_D-30W VRA_D-30W URB_D-30W URA_D-30W	RP30 - SEW					
10	TP30DG	30	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-	3.3, 5, 12, 15, 24/±5, ±12, ±15	1, 2, 3	1500	DIP	87%	Regulated	yes	/ / / /	REC30	TEN30				DKA30
11	TP40DG	40	12 (2:1) 9-18 24 (2:1) 18-	3.3, 5, 12, 15, 24/±5,	1, 2, 3	1500	DIP	87%	Regulated	yes	VRB_D-40W VRA_D-40W	BWR					

Below customize products only produce when order confirmed.

Item No.	TOPPOWER										Morunsun	RECOM	Murata	TRACO	XP power	Meanwell
12	TP08DA	8	12 (2:1) 9-18 24 (2:1) 18-36 48 (2:1) 36-72 24 (4:1) 9-36 48 (4:1) 18-72	3.3, 5, 12, 15, 24/±5, ±12, ±15	1 and 2	1500	DIP	80%	Regulated	yes					JCJ08	SCW08

Toppower								Replacement		
Part Series	Power (W)	Input Voltage (VDC)	Output Voltage (VDC)	Package	Output Regulation	Isolation Voltage (VDC)	Package Size (mm)	Traco	Mornsun	Meanwell
TP03AA	3	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	37.0*18.5*16.5			
TP03AC	3	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	37.0*18.5*16.5	TMPS 03		
TP03AR	3	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	48.5*36*20.5		LB03-10B	
TP05AR	5	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	48.5*36*20.5		LH05-10B LH05-10A LH05-10D LH05-10C	
TP05AS	5	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	55*45*20.5		LB05-10B LB05-10A LB05-10D LB05-10C	

TP10AS	10	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	55*45*20.5		LH10-10C	
									LH10-10B	
									LH10-10A	
									LH10-10D	
TP10AT	10	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	62*45*22.5	TMP10	LB10-10B	PM-10-12
									LB10-10A	
									LB10-10D	
									LB10-10C	
TP15AT	15	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	62*45*22.5		LH15-10B	
									LH15-10A	
									LH15-10D	
									LH15-10C	
TP20AU	20	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	70*48*23.5	TML20	LH20-10B	
									LH20-10A	
									LH20-10D	
									LH20-10C	
TP25AU-30AU	25/30	220 (2 : 1) 165 ~ 265 220 (4 : 1) 85 ~ 265	5、12、15、24± 5、±12、±15、± 24	DIP	Short circuit protection	2500	70*48*23.5		LH25-10B	