

TGM10 parts list (G. Ingram) 23 Mar 2017 - prelim

Part	Value	Device	Package	Qty /chan	Digi-Key Part Number	Order Quantity	Kitted	Installed
BIAS, DC-OFFSET	1k	RTRIM93XA-G	RTRIM93XA-G	2	3296X-102LF-ND	4		
C1	47u	CPOL-EUE2.5-6	E2,5-6	1	478-1910-ND	2		
C2,3	330u	CPOL-EUE5-10.5	E5-10,5	2	493-10745-1-ND	4		
C4	100u	CPOL-EUE5-10.5	E5-10,5	1	478-6063-ND	2		
C5	47u	CPOL-EUE3.5-8	E3,5-8	1	493-15080-ND 478-1910-ND	2		
C6,17	39p	C-EU050-024X044	C050-024X044	2	445-173544-1-ND	4		
C7,8,16	470p	C-EU050-024X044	C050-024X044	3	445-173548-1-ND	6		
C9	100n	C-EU075-052X106	C075-052X106	1	495-1275-ND	2		
C10,11,12,13	4700u	CAP-POL-10-20	CAP-POL-10-20	4	493-10702-ND	10		
C14	47u	BIPOLARCAP_2,5-6	E2,5-6	1	493-12677-1-ND	2		
C15	220p	C-EU050-024X044	C050-024X044	1	445-173535-1-ND	2		
C18	100u	CPOL-EUE2.5-5	E2,5-5	1	399-6104-ND	2		
D1,2,3,4,5	1N4148	DIODE-7MM	7MM	5	1N4148FS-ND	10		
D7	Vss-5V (33V)	ZENER-DIOE2D-7.5	ZDIO-7.5	1	BZX79C33-ND	2		
D10,11	1N4004	DIODE-9MM	9MM	2	1N4004DICT-ND	10		
F1,2	5A	FUSE_15MM_20MM	FUSE_15MM_20MM	2	stock	4		
FET1,2	FQPF32N20	NMOS-TO220(V)	TO220(V)	2	RCX160N20-ND	4		
GND, OUTPUT, V-NEG	QUICKFIT_	QUICKFIT_PIN	tab 0.187"W, 0.032"Thick, 0.25"L	4	36-1212-ST-ND	10		
Connector	QUICKFIT_	QUICKFIT, female large wire gauge		4	WM13575-ND	25		
INPUT	Molex 22-	23-2021 22-23-2021	22-23-2021	1	stock	2		
KK1,2	D03PA-PAD	D03PA-PAD	D03PA-PAD	2	HS367-ND	4		
L1	OUTPUT-IN	DUCTOR(V) OUTPUT-INDUCTOR(V)	INDUCTOR(V)	1	stock	2		
LED1	Green=dc.	OK LED3MM	LED3MM	1	stock	2		
OPTO	TLP190B	TLP190B	4-MFSOP6	1	TLP190BF-ND	2		
R-OUT, R19	10R 1W	1W-RESISTOR(LONG)	0411/15	2	RSF1JT10R0CT-ND	4		
R1,4,6	22k	R-EU_0204/7	0204/7	3	RNF14FTD22K1CT-ND	10		
R18	4k7	R-EU_0204/7	0204/7	1	RNF14FTD4K75CT-ND	10		
R2	10R 1W	R-EU_0204/7	0204/7	1	P10W-1BK-ND	2		
R3,28	100k	R-EU_0204/7	0204/7	2	RNF14FTD100KCT-ND	10		
R5,11,12,14,29,30	1k	R-EU_0204/7	0204/7	6	stock	12		
R7,10	220R	R-EU_0204/7	0204/7	2	RNF14FTD221RCT-ND	10		
R8	330R	R-EU_0204/7	0204/7	1	RNF14FTD332RCT-ND	10		
R9	27k	R-EU_0204/7	0204/7	1	RNF14FTD27K4CT-ND	10		
R13	2k2	R-EU_0204/7	0204/7	1	RNF14FTD2K21CT-ND	10		
R15,16,17	100R	R-EU_0204/7	0204/7	3	RNF14FTD100RCT-ND	10		
R18	560R	R-EU_0204/7	0204/7	1	RNF14FTD562RCT-ND	10		
R20,25	680R	R-EU_0204/7	0204/7	2	RNF14FTD681RCT-ND	10		
R21,22,23,24	0R22 3W	1W-RESISTOR(LONG)0411/17	0411/17	4	0.22AECT-ND	10		
R26	390R	R-EU_0204/7	0204/7	1	RNF14FTD392RCT-ND	10		
R27,33	10k	R-EU_0204/7	0204/7	2	RNF14FTD10K0CT-ND	10		
R31,36	560k	R-EU_0204/7	0204/7	2	RNF14FTD562KCT-ND	10		
R32	8k2 1W	R-EU_0204/7	0204/7	1	P8.2KW-1BK-ND	2		
R34,37	68R	R-EU_0204/7	0204/7	2	RNF14FTD68R1CT-ND	4		
R35	1k8	R-EU_0204/7	0204/7	1	RNF14FTD1K82CT-ND	10		
TR1,2,3	BC546A	BC546A	TO92-EBC	3	BC546CTACT-ND	10		
TR4	ZTX753	BC556	TO92-EBC	1	ZTX753-ND	2		
TR5,12	BD139	BD139	TO126	2	stock	4		
TR6	BC546A	BC546A	TO92-EBC	1	ZTX653-ND	2		
TR7	KSC2690	BD139	TO126AV	1	KSC2690AYSFS-ND	2		
TR8	KSA1220	BD140	TO126AV	1	KSA1220AYSFS-ND	2		
TR9,10	2SC5200	NPN_TO-247TO-247_FLAT-2	TO-247_FLAT-2	2	2SC3263-ND	4		
TR11	2N5401	2N5401-PNP-TO92-EBC	TO92-EBC	1	stock	2		
TR13,14	2N5551	2N5551-NPN-TO92-EBC	TO92-EBC	2	stock (2N3904)	4		
CON-chassis	4-pin	DIN	chassis mount	1		4	<- all boxes the same	
Transformer	2x30Vac	Toroid	AnTek	1	AN-2230	1		