

Parent part: 8000-0012-00      PCA,TX630 POWER AMP BD  
Type : A                            REV B

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Line
.1	6000-0012-00	PCB, POWER AMP BOARD, TX630 REV B	1.00000000	EA	R	0.00	0	0	PCB	1
.1	7200-0075-00	Vends: AVALONRF Avalon RF IC,MAX1776,STEP DN CVTR,600MA, SO8-UMAX	1.00000000	EA	R	0.00	0	0	U1	2
.1	7200-0076-00	Mfgrs: MAXIM MAX1776EUA IC,LM2937IMP-3.3,VREG,LDO,3.3V 500MA,SOT-223	1.00000000	EA	R	0.00	0	0	U2	3
.1	7200-0074-00	Vends: DIGIKEY Digi-Key LM2937IMP-3.3CT-ND Mfgrs: NATIONAL SEMICONDUCTOR LM2937IMP-3.3 IC,RF2172,MED PWR RF AMP,LLC	1.00000000	EA	R	0.00	0	0	U4	4
.1	7200-0073-00	Mfgrs: RF MICRO-DEVICES RF2172 IC,RF2126,HIGH PWR RF AMP,SO-8	1.00000000	EA	R	0.00	0	0	U3	5
.1	7000-0001-00	Mfgrs: RF MICRO-DEVICES RF2126 RECT,SK16,SCHTKY,60V,1A,SMD DO-214AA	1.00000000	EA	R	0.00	0	0	CR1	6
.1	7900-0053-00	Vends: DIGIKEY Digi-Key SMBSR106 Mfgrs: DIODES INC. SK16-13 MICRO COMMERCIAL CO. SMBSR106 ISOLATOR 2.4GHZ,5mm SQUARE	1.00000000	EA	R	0.00	0	0	IS1	7
.1	6504-0001-00	Mfgrs: HITACHI METALS SI-5L2.400G RADITEK RLEI-2400-2500M-5MM-1WL FERRITE,100 OHMS @ 100MHZ,3A, C1206, HI1206N101R-00	1.00000000	EA	R	0.00	0	0	L2	8
.1	6902-0017-00	Vends: DIGIKEY Digi-Key 240-1008-2-ND Mfgrs: STEWARD HI1206N101R-00 FILTER,2.4-2.48GHz,LP,JOHANSON P/N:2442LP18A083	1.00000000	EA	R	0.00	0	0	FL1	8
.1	6805-500R-00	Vends: JACO JACO RES, 500, TOPADJ, 3MM SMD 652-3313J-1-501E MOUSER	1.00000000	EA	R	0.00	0	0	R10	9
.1	6702-TBD-00	CAP,TBD,16V,C0402 To-Be-Determined	1.00000000	EA	R	0.00	0	0	C26	11
.1	6702-15P0-00	CAP,15PF,50V,5%,COH,C0402 Mfgrs: TAIYO YUDEN UMK105CH150JW	1.00000000	EA	R	0.00	0	0	C14	12
.1	6702-1N00-00	CAP,1000PF,50V,10%,X7R,C0402 Mfgrs: KEMET C0402C102K5RAC TAIYO YUDEN UMK105BJ102KV	2.00000000	EA	R	0.00	0	0	C15,C19	13
.1	6702-1P50-01	CAP,1.5PF,16V,+/-0.1PF,COH, C0402 Mfgrs: TAIYO YUDEN EVK105CH1R6BW	2.00000000	EA	R	0.00	0	0	C10,C18	14
.1	6705-U100-00	CAP,.1UF,25V,10%,X7R,C0805 Vends: DIGIKEY Digi-Key 311-1141-1-ND Mfgrs: TAIYO YUDEN UMK212BJ104KG YAGEO 08052R104K8B20D	1.00000000	EA	R	0.00	0	0	C29	15
.1	6706-10U0-00	CAP,10UF,10V,Y5V,C1206 +80/-20% Vends: DIGIKEY Digi-Key PCC1894CT-ND Mfgrs: PANASONIC ECJ-3YF1A106Z TAIYO YUDEN GMK325F106ZH	2.00000000	EA	R	0.00	0	0	C5,C24	16
.1	6702-33P0-00	CAP,33PF,50V,5%,COH,C0402 Mfgrs: TAIYO YUDEN UMK105CH330GJW	1.00000000	EA	R	0.00	0	0	C13	17



Parent part: 8000-0012-00 PCA,TX630 POWER AMP BD,  
 Type : A REV B

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	68A1-20R0-00	RES,20.0,1/16W,1%,TF,C0402	1.00000000	EA	R	0.00	0	0	R11	36
	Vends:	MOUSER Mouser Electronics, Inc.	71-CRCW0402-20							
	Mfgrs:	NIC NRC04F20R0TR								
		VISHAY/DALE CRCW040220R0FKTD								
.1	68A1-430R-00	RES,430,1/16W,1%,TF,C0402	2.00000000	EA	R	0.00	0	0	R9,R13	37
	Vends:	MOUSER Mouser Electronics, Inc.	71-CRCW0402-430							
	Mfgrs:	VISHAY/DALE CRCW0402430RFKTD								
.1	6502-1N60-00	IND,1.6NH,5%,700mA,0603 COIL-CRAFT P/N:0603CS-1N6XJBW	1.00000000	EA	R	0.00	0	0	L6	38
	Mfgrs:	COILCRAFT 0603CS-1N6XJBW								
.1	6505-33U0-00	IND,33UH,0.97A,30%,CDRH6D28	1.00000000	EA	R	0.00	0	0	L3	39
		308-1230-1-ND								
	Vends:	DIGIKEY Digi-Key	308-1230-1-ND							
	Mfgrs:	SUMIDA CORPORATION CDRH6D28-330NC								
.1	6505-10U0-00	IND,10UH,1.70A,30%,CDRH6D28	1.00000000	EA	R	0.00	0	0	L1	40
		308-1224-1								
	Vends:	DIGIKEY Digi-Key	308-1224-1-ND							
	Mfgrs:	SUMIDA CORPORATION CDRH6D28-100NC								
.1	6502-10N0-00	IND,10nH,300MA,5%,C0603	1.00000000	EA	R	0.00	0	0	L5	41
	Mfgrs:	TAIYO YUDEN HK160810NJ								
.1	6502-1N50-00	IND,1.5nH,300MA,+-0.3NH,C0603	2.00000000	EA	R	0.00	0	0	L7,L8	42
	Mfgrs:	TAIYO YUDEN HK16081N5S								
.1	6502-4N70-01	IND,4.7nH,5%,700mA,0603,COIL-CRAFT P/N:0603CS-4N7XJBW	1.00000000	EA	R	0.00	0	0	L4	43
.1	6224-0011-00	CONN,SMA,JACK(F),ENDLAUNCH, GOLD,PCB pin length .187	1.00000000	EA	R	0.00	0	0	J1	44
	Vends:	DIGIKEY Digi-Key J610-ND								
		MOUSER Mouser Electronics, Inc. 530-142-0701-871								
	Mfgrs:	JOHNSON COMPONENTS INC. 142-0701-871								
.1	6224-0012-00	CONN,MMCX ENDLAUNCH	1.00000000	EA	R	0.00	0	0	J3	45
	Vends:	DIGIKEY Digi-Key J603-ND								
	Mfgrs:	JOHNSON COMPONENTS INC 135-3711-801								
.1	6225-0028-00	CONN,10PIN,STACKER,2R,.05IN, .200H,.150 POST	1.00000000	EA	R	0.00	0	0	J2	46
	Mfgrs:	SAMTEC FW-05-02-G-D-200-150								
.1	4900-0023-01	THERMOCONDUCTIVE PAD FOR TX630 1"x 0.25" PIECE	4.00000000	EA	B	0.00	0	0	2 STACKED ON EA SIDE	47
.2	4900-0023-00	GAP FILLER PAD,300GR-M,3mm THK FUJI POLY, 200mmX300mm SHEET	0.01250000	SHT	R	0.00	0	0		1
	Vends:	FRALOCK2 FRALOCK-ORANGE								
	Mfgrs:	FUJI POLY AMERICA GR-M-3.0-200.0-300.0								

Notes : 80 PER SHEET

Notes : Corrected for R2,R3 & R4 for 0402 size - 08/20 & L7,L8 instead  
of L10 & L11 - 8/21