

15:13:22

## Bill of Material

Parent part: DRASSY203403 Assy,DualAmpBooster,80WattGEN2  
 Type : A Rev A

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRMPEN203088	Enclsr,Dual Amp Bstr&Comb Opt. Rev A	1.00	EA	R	0.00	0	0	ITEM 2	1
.1	DRMPCV203089	Cover,DualAmpBster&PwrSupplys Rev -	1.00	EA	R	0.00	0	0	ITEM 3	2
.1	DRFNSH203388	Finished Heatsink,DulAmpBstr GEN2,Rev -	1.00	EA	M	0.00	0	0	ITEM 4	3
.1	DRSILK203393	Silkscreen,Frt Pnl,DualAmpBstr Rev -	1.00	EA	M	0.00	0	0	ITEM 6	5
.1	DRMPRT203389	Isolation Wall,Top & Bottom, D.A.B,80Watt-GEN2,Rev A	2.00	EA	R	0.00	0	0	ITEM 7	6
.1	DRMPRT203390	Isolation Wall,Front & Rear, Dual Amp Bstr,80Watt,GEN2,Rev-	2.00	EA	R	0.00	0	0	ITEM 8	7
.1	DRMPRT203391	RF Shield,Top,Dual Amp Bstr 80Watt,GEN2,Rev -	1.00	EA	R	0.00	0	0	ITEM 10	8
.1	DRMPRT203392	RF Shield,Bottom,Dual Amp Bstr 80Watt,GEN2,Rev -	1.00	EA	R	0.00	0	0	ITEM 11	9
.1	DRASSY203382	Assy,Amp.,80 Watt,Top,GEN 2 Rev E	1.00	EA	A	0.00	0	0	ITEM 12	10
.1	DRASSY203394	Assy,Amp.,80 Watt,Bottom,GEN 2 Rev E	1.00	EA	A	0.00	0	0	ITEM 13	11
.1	DRASSY202992	Assy,LED Brd,Cell Bstr/Cmbnr Rev -	1.00	EA	M	0.00	0	0	ITEM 14	12
.1	DRASSY203397	Assy,Dual Alrm Brd,D.A.B.GEN 2 Rev -	1.00	EA	M	0.00	0	0	ITEM 15	13
.1	DRASSY203527	Assy,Front Pallet,DualAmpBstr GEN2,Rev -	1.00	EA	A	0.00	0	0	ITEM 16	14
.1	DRCSET203015-2	Cable Set,RF,Dual Amp Combiner Rev A	1.00	SET	M	0.00	0	0	ITEM 17	15
.1	DRCABL203017	Cable,Ribbon15PinD,F-15PinConn Rev A	1.00	EA	R	0.00	0	0	ITEM 18	16
.1	DRCABL203016	Cable Assy,Ribbon,10Pin-10Pin Rev -	1.00	EA	R	0.00	0	0	ITEM 19	17
.1	DRASSY203028	Assy,Fan,Rework Extension,BTS Cell Booster,Rev -	2.00	EA	A	0.00	0	0	ITEM 20	18
.1	EN0899FG08	FanGuard,Metal,3 1/8"Fan size 2.81"Mnt.Hole Ctr,0.195"Thknss	2.00	EA	R	0.00	0	0	ITEM 21	19
.1	MP05008106632A2	Handle,Alu.,Black,0.250 Dia. 6-32 THD.	1.00	EA	R	0.00	0	0	ITEM 22	20
.1	EN0330B8C102D4	Cap,FeedThru,1000pF,200V,15A #8-32 THD,500W	2.00	EA	R	0.00	0	0	ITEM 23	21
.1	DRCSET203019-2	Cable Assy,DC Pwr,DualAmpCombr Rev B	1.00	EA	R	0.00	0	0	ITEM 24	22
.1	DRCSET203528	Cable Assy,DualAmpBooster-GEN2 Rev -	2.00	EA	R	0.00	0	0	ITEM 25	23
.1	CN0100F172117	Conn,N-Type,F,Sm Flg,4 Hole	2.00	EA	R	0.00	0	0	ITEM 26	24
.1	CN0802VLP02-1	Conn,Housing,Plug,2-Pin VL Series	1.00	EA	R	0.00	0	0	ITEM 27	25
.1	CN1100FSVF81TP2	Terminal>Contact,Socket,12 AWG For JST VL Plug	2.00	EA	R	0.00	0	0	ITEM 28	26
.1	HD0404375HC	Screw,4-40x3/8",SHCS,S/S	4.00	EA	R	0.00	0	0	ITEM 29	27
.1	HD0404250HC	Screw,4-40x1/4",CAP,HEX,UNC-3A	4.00	EA	R	0.00	0	0	ITEM 30	28

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## Bill of Material

Parent part: DRASSY203403 Assy,DualAmpBooster,80WattGEN2

Type : A Rev A

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
		S/S								
.1	HD0410500PPSMSS	Screw,#10x1/2"PH,PAN HD,SM,S/S Type B	8.00	EA	R	0.00	0	0	ITEM 31	29
.1	HD0402250PPSS	Screw,2-56x1/4"LG,PH PAN,S/S UNC-2A	8.00	EA	R	0.00	0	0	ITEM 33	31
.1	HD0406625PPSS	Screw,6-32x5/8"PH,PAN HD,S/S	8.00	EA	R	0.00	0	0	ITEM 34	32
.1	HD04021125PPSS	Screw,2-56x1 1/8",PH PAN,S/S	36.00	EA	R	0.00	0	0	ITEM 35	33
.1	HD0604MLKSS	Washer,#4,Med.Split Lock S/S	31.00	EA	R	0.00	0	0	ITEM 26	34
.1	HD0404250PPSS	Screw,4-40x1/4",PH PAN HD,S/S	10.00	EA	R	0.00	0	0	ITEM 37	35
.1	HD0404375PPSS	Screw,4-40x3/8"PH,Pan Hd,S/S	8.00	EA	R	0.00	0	0	ITEM 38	36
.1	HD0404312PF1SS	Screw,4-40x5/16"PH,Flat100,S/S	23.00	EA	R	0.00	0	0	ITEM 39	37
.1	HD0406312PF1SS	Screw,6-32x5/16"PH,Flat100,S/S	2.00	EA	R	0.00	0	0	ITEM 40	38
.1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	44.00	EA	R	0.00	0	0	ITEM 41	39
.1	HD0606HLKSS	Washer,#6,SpltLock,Helical S/S	8.00	EA	R	0.00	0	0	ITEM 42	40
.1	HD0408375PPSS	Screw,8-32x3/8",PH,PAN HD,S/S	1.00	EA	R	0.00	0	0	ITEM 43	41
.1	HD0608SPLKSS	Washer,#8,Split Lock,S/S	1.00	EA	R	0.00	0	0	ITEM 44	42
.1	HD0404625PPSS	Screw,4-40x5/8",PH,PAN HD,S/S	5.00	EA	R	0.00	0	0	ITEM 45	43
.1	HD0608281FSS	Washer,#8,Flat,0.281 O.D.,S/S	1.00	EA	R	0.00	0	0	ITEM 46	44
.1	HD0704HLK	Nut,#4-40,HEX,Self-Locking	2.00	EA	R	0.00	0	0	ITEM 47	45
.1	HD0604F025SS	Washer,#4,Flat 1/4" OD S/S	2.00	EA	R	0.00	0	0	ITEM 48	46
.1	HD03004BKE2	Wire,14 AWG Teflon Ins.,Red 19 Strand,M16878/4-B-K-E-2	0.50	FT	R	0.00	0	0		47
.1	EN03232200U50	Cap,Electrolytic,2200uF,50V Hi-Temp Radial,105C	2.00	EA	R	0.00	0	0	ITEM 50	48
.1	CN140454112	Lug,#2,Terminal,Solder,TinPlat	2.00	EA	R	0.00	0	0	ITEM 51	49
.1	HD1401ES221125B	Insulation,ShrinkTubing,1/8"BL	0.19	FT	R	0.00	0	0	ITEM 52	50
.1	HD1402TFT25020	Insulation,Teflon Tubing,20AWG Natural Color	0.17	FT	R	0.00	0	0	ITEM 53	51
.1	HD030020AWGBUSS	Wire,20 AWG Buss,CopprTinPlate	0.17	FT	R	0.00	0	0	ITEM 54	52

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## Bill of Material

Parent part: DRASSY203527 Assy,Front Pallet,DualAmpBstr  
 Type : A GEN2,Rev -

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRMPPT203526	Pallet,Frnt,DualAmpBster,GEN2 Rev -	1.00	EA	R	0.00	0	0	C2	1
.1	DRPCBD203402	PCB,Front Pallet,D.A.B.- GEN 2 Rev -	1.00	EA	M	0.00	0	0	ITEM 3	2
.1	HD0402250PPSS	Screw,2-56x1/4"LG,PH PAN,S/S UNC-2A	24.00	EA	R	0.00	0	0	ITEM 4	3
.1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	24.00	EA	R	0.00	0	0	ITEM 5	4
.1	ES160618110	Res,Chip,110,2512,5%,1W	4.00	EA	R	0.00	0	0	ITEM 11	5

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## Bill of Material

Parent part: DRASSY203404 Assy,DualAmpCombiner80WattGEN2  
 Type : A Rev A

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRMPEN203088	Enclsr,Dual Amp Bstr&Comb Opt. Rev A	1.00	EA	R	0.00	0	0	ITEM 2	1
.1	DRMPCV203089	Cover,DualAmpBster&PwrSupplys Rev -	1.00	EA	R	0.00	0	0	ITEM 3	2
.1	DRFNSH203388	Finished Heatsink,DulAmpBstr GEN2,Rev -	1.00	EA	M	0.00	0	0	ITEM 4	3
.1	DRSILK203091	Silkscreen,Frt Pnl,DualAmpComb Rev A	1.00	EA	M	0.00	0	0	ITEM 6	4
.1	DRMPRT203389	Isolation Wall,Top & Bottom, D.A.B,80Watt-GEN2,Rev A	2.00	EA	R	0.00	0	0	ITEM 7	5
.1	DRMPRT203390	Isolation Wall,Front & Rear, Dual Amp Bstr,80Watt,GEN2,Rev-	2.00	EA	R	0.00	0	0	ITEM 8	6
.1	DRMPRT203391	RF Shield,Top,Dual Amp Bstr 80Watt,GEN2,Rev -	1.00	EA	R	0.00	0	0	ITEM 10	7
.1	DRMPRT203392	RF Shield,Bottom,Dual Amp Bstr 80Watt,GEN2,Rev -	1.00	EA	R	0.00	0	0	ITEM 11	8
.1	DRASSY203382	Assy,Amp.,80 Watt,Top,GEN 2 Rev E	1.00	EA	A	0.00	0	0	ITEM 12	9
.1	DRASSY203394	Assy,Amp.,80 Watt,Bottom,GEN 2 Rev E	1.00	EA	A	0.00	0	0	ITEM 13	10
.1	DRASSY202992	Assy,LED Brd,Cell Bstr/Cmbnr Rev -	1.00	EA	M	0.00	0	0	ITEM 14	11
.1	DRASSY203397	Assy,Dual Alrm Brd,D.A.B.GEN 2 Rev -	1.00	EA	M	0.00	0	0	ITEM 15	12
.1	DRASSY203400	Assy,Comb W/ISO.Dual Amp Comb GEN2,Rev -	1.00	EA	A	0.00	0	0	ITEM 16	13
.1	DRCSET203015-2	Cable Set,RF,Dual Amp Combiner Rev A	1.00	SET	M	0.00	0	0	ITEM 17	14
.1	DRCABL203017	Cable,Ribbon15PinD,F-15PinConn Rev A	1.00	EA	R	0.00	0	0	ITEM 18	15
.1	DRCABL203016	Cable Assy,Ribbon,10Pin-10Pin Rev -	1.00	EA	R	0.00	0	0	ITEM 19	16
.1	DRASSY203028	Assy,Fan,Rework Extension,BTS Cell Booster,Rev -	2.00	EA	A	0.00	0	0	ITEM 20	17
.1	EN0899FG08	FanGuard,Metal,3 1/8"Fan size 2.81"Mnt.Hole Ctr,0.195"Thknss	2.00	EA	R	0.00	0	0	ITEM 21	18
.1	MP05008106632A2	Handle,Alu.,Black,0.250 Dia. 6-32 THD.	1.00	EA	R	0.00	0	0	ITEM 22	19
.1	EN0330B8C102D4	Cap,FeedThru,1000pF,200V,15A #8-32 THD,500W	2.00	EA	R	0.00	0	0	ITEM 23	20
.1	DRCSET203019-2	Cable Assy,DC Pwr,DualAmpCombr Rev B	1.00	EA	R	0.00	0	0	ITEM 24	21
.1	DRCSET203528	Cable Assy,DualAmpBooster-GEN2 Rev -	2.00	EA	R	0.00	0	0	ITEM 25	22
.1	CN0100F172117	Conn,N-Type,F,Sm Flg,4 Hole	1.00	EA	R	0.00	0	0	ITEM 26	23
.1	CN0802VLP02-1	Conn,Housing,Plug,2-Pin VL Series	1.00	EA	R	0.00	0	0	ITEM 27	24
.1	CN1100FSVF81TP2	Terminal>Contact,Socket,12 AWG For JST VL Plug	2.00	EA	R	0.00	0	0	ITEM 28	25
.1	HD0404375HC	Screw,4-40x3/8",SHCS,S/S	2.00	EA	R	0.00	0	0	ITEM 29	26
.1	HD0404250HC	Screw,4-40x1/4",CAP,HEX,UNC-3A	2.00	EA	R	0.00	0	0	ITEM 30	27

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## Bill of Material

Parent part: DRASSY203404      Assy,DualAmpCombiner80WattGEN2  
 Type : A                              Rev A

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
		S/S								
.1	HD0410500PPSMSS	Screw,#10x1/2"PH,PAN HD,SM,S/S Type B	8.00	EA	R	0.00	0	0	ITEM 31	28
.1	HD0402250PPSS	Screw,2-56x1/4"LG,PH PAN,S/S UNC-2A	8.00	EA	R	0.00	0	0	ITEM 33	30
.1	HD0406625PPSS	Screw,6-32x5/8"PH,PAN HD,S/S	8.00	EA	R	0.00	0	0	ITEM 34	31
.1	HD04021125PPSS	Screw,2-56x1 1/8",PH PAN,S/S	36.00	EA	R	0.00	0	0	ITEM 35	32
.1	HD0604MLKSS	Washer,#4,Med.Split Lock S/S	27.00	EA	R	0.00	0	0	ITEM 26	33
.1	HD0404250PPSS	Screw,4-40x1/4",PH PAN HD,S/S	10.00	EA	R	0.00	0	0	ITEM 37	34
.1	HD0404375PPSS	Screw,4-40x3/8"PH,Pan Hd,S/S	8.00	EA	R	0.00	0	0	ITEM 38	35
.1	HD0404312PF1SS	Screw,4-40x5/16"PH,Flat100,S/S	23.00	EA	R	0.00	0	0	ITEM 39	36
.1	HD0406312PF1SS	Screw,6-32x5/16"PH,Flat100,S/S	2.00	EA	R	0.00	0	0	ITEM 40	37
.1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	44.00	EA	R	0.00	0	0	ITEM 41	38
.1	HD0606HLKSS	Washer,#6,SpltLock,Helical S/S	8.00	EA	R	0.00	0	0	ITEM 42	39
.1	HD0408375PPSS	Screw,8-32x3/8",PH,PAN HD,S/S	1.00	EA	R	0.00	0	0	ITEM 43	40
.1	HD0608SPLKSS	Washer,#8,Split Lock,S/S	1.00	EA	R	0.00	0	0	ITEM 44	41
.1	HD0404625PPSS	Screw,4-40x5/8",PH,PAN HD,S/S	5.00	EA	R	0.00	0	0	ITEM 45	42
.1	HD0608281FSS	Washer,#8,Flat,0.281 O.D.,S/S	1.00	EA	R	0.00	0	0	ITEM 46	43
.1	HD0704HLK	Nut,#4-40,HEX,Self-Locking	2.00	EA	R	0.00	0	0	ITEM 47	44
.1	HD0604F025SS	Washer,#4,Flat 1/4" OD S/S	2.00	EA	R	0.00	0	0	ITEM 48	45
.1	HD03004BKE2	Wire,14 AWG Teflon Ins.,Red 19 Strand,M16878/4-B-K-E-2	0.50	FT	R	0.00	0	0	ITEM 49	46
.1	EN03232200U50	Cap,Electrolytic,2200uF,50V Hi-Temp Radial,105C	2.00	EA	R	0.00	0	0	ITEM 50	47
.1	CN140454112	Lug,#2,Terminal,Solder,TinPlat	2.00	EA	R	0.00	0	0	ITEM 51	48
.1	HD1401ES221125B	Insulation,ShrinkTubing,1/8"BL	0.19	FT	R	0.00	0	0	ITEM 52	49
.1	HD1402TFT25020	Insulation,Teflon Tubing,20AWG Natural Color	0.17	FT	R	0.00	0	0	ITEM 53	50
.1	HD030020AWGBUSS	Wire,20 AWG Buss,CopprTinPlate	0.17	FT	R	0.00	0	0	ITEM 54	51

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## Bill of Material

Parent part: DRASSY203400 Assy,Comb W/ISO.Dual Amp Comb  
 Type : A GEN2,Rev -

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRMPPT203405	Pallet,Frnt,PCBwIso.32-1037Load Dual Amp.Combinr-GEN 2 Rev -	1.00	EA	R	0.00	0	0	ITEM 2	1
.1	DRPCBD203401	PCB,Comb.w/Iso.D.A.C.- GEN 2 Rev -	1.00	EA	M	0.00	0	0	ITEM 3	2
.1	ES10001P96G100C	Isolator,1.93-1.99 GHz,125Watt Counter Clockwise	1.00	EA	R	0.00	0	0	ITEM 4	3
.1	ES10001P96G100	Isolator,1.93-1.99 GHz,125Watt Clockwise	1.00	EA	R	0.00	0	0	ITEM 5	4
.1	ES22002G250W	Termination,50ohm,DC-2GHz,250W	1.00	EA	R	0.00	0	0	ITEM 6	5
.1	HD0402312PPSS	Screw,2-56x5/16"LG,PH PAN,S/S	31.00	EA	R	0.00	0	0	ITEM 7	6
.1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	31.00	EA	R	0.00	0	0	ITEM 8	7
.1	HD0404250PPSS	Screw,4-40x1/4",PH PAN HD,S/S	2.00	EA	R	0.00	0	0	ITEM 9	8
.1	HD0604MLKSS	Washer,#4,Med.Split Lock S/S	2.00	EA	R	0.00	0	0	ITEM 10	9
.1	ES160618110	Res,Chip,110,2512,5%,1W	4.00	EA	R	0.00	0	0	ITEM 11	10

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## Bill of Material

Parent part: DRASSY203382 Assy,Amp.,80 Watt,Top,GEN 2  
 Type : A Rev E

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRASSY203382SUB	AssySub,Amp,80Watt,Top,GEN2 Rev E	1.00	EA	M	0.00	0	0		1
.2	DRASSY203384B	Assy,Bonded PCB & Pallet203386 Rev C	1.00	EA	M	0.00	0	0		1
.3	DRPCBD203384	PCB,Amp.,80 Watt,GEN 2,Top Rev C	1.00	EA	M	0.00	0	0		1
.4	PM0801RO400332B	Duroid,4003,32mil,1ozCu,24x18"	0.09	EA	R	0.00	0	0	RO4003-32/B	1
.3	DRFNH203386	Finished Pallet,Bottom,For PCB 203384,Dual Amp Booster,Rev -	1.00	EA	M	0.00	0	0		2
.4	DRMPPT203386	Pallet,Bottom,For PCB,203384 Amp.,80 Watt,GEN 2,Rev A	1.00	EA	R	0.00	0	0		1
.2	ES03111212P50	Cap,Chip,12pF,0805,5%,50V	20.00	EA	R	0.00	0	0	ITEM 6	3
.2	ES0313121U16	Cap,Chip,1uF,0805,20%,16V	2.00	EA	R	0.00	0	0	ITEM 7	4
.2	ES03421U50	Cap,Chip,Tant,1uF,10%,50V	4.00	EA	R	0.00	0	0	ITEM 8	5
.2	ES031212P1U50	Cap,Chip,0.1uF,0805,10%,50V	15.00	EA	R	0.00	0	0	ITEM 9	6
.2	ES0361A10B1PWF	Cap,ATC,1.0pF,B-Pkg,500V Term Code "W",0.1pF to 1 pF	1.00	EA	R	0.00	0	0	ITEM 10	7
.2	ES0366A10B10PWF	Cap,ATC,10pF,B-Pkg,5%,500V Term Code "W"	3.00	EA	R	0.00	0	0	ITEM 11	8
.2	ES0366A70A102PA	Cap,ATC,1000pF,A-Pkg,5%,50V Term Code P, Multi-Layer	2.00	EA	R	0.00	0	0	ITEM 12	9
.2	ES034310U35	Cap,Chip,Tant,10uF,Dpkg20%,35V	4.00	EA	R	0.00	0	0	ITEM 13	10
.2	ES030013470	EMI Filter,Murata,1206,470pF	6.00	EA	R	0.00	0	0	ITEM 14	11
.2	ES0300PSM4103Z2	EMI Filter,0.01uF,20A,FeedThru	1.00	EA	R	0.00	0	0	ITEM 15	12
.2	ES03111233P50	Cap,Chip,33pF,0805,5%,50V	1.00	EA	R	0.00	0	0	ITEM 16	13
.2	ES031311P47U16	Cap,Chip,0.47uF,0603,20%,16V	6.00	EA	R	0.00	0	0	ITEM 17	14
.2	ES03101212P100	Cap,Chip,12pF,0805,100V,0.5pF	1.00	EA	R	0.00	0	0	ITEM 18	15
.2	ES0361A10B3R3WF	Cap,ATC,3.3pF,.1Tol,B-Pkg,500V Term Code "W"	1.00	EA	R	0.00	0	0	ITEM 20	15
.2	ES0361A10B3R9WF	Cap,ATC,3.9pF,.1Tol,B-Pkg,500V Term Code "W"	1.00	EA	R	0.00	0	0	ITEM 22	17
.2	CN1707B7B7RSM3	Conn,Hdr,7-Pin,0.059",SMT	1.00	EA	R	0.00	0	0	ITEM 25	18
.2	ES2301MMBT2222A	Trans,NPN,40V,350mW,Sot23	3.00	EA	R	0.00	0	0	ITEM 27	19
.2	ES2303SUB65P062	Trans,MOSFET,250W,-65A,d2pak or TO-263	1.00	EA	R	0.00	0	0	ITEM 29	20
.2	ES1217LP295103B	IC,Vltg Regulator,5V,100mA SO-8	1.00	EA	R	0.00	0	0	ITEM 32	21
.2	ES1214LM358MX	IC,Dual OP-Amp,Low Pwr,SOP 8	1.00	EA	R	0.00	0	0	ITEM 33	22
.2	ES1219SW277PIN	IC,Switch,RF,SPDT,GaAs,2.5Ghz DC,SO-8	1.00	EA	R	0.00	0	0	ITEM 34	23
.2	ES1217LM78L05AC	IC,VltgRegultor,5V,100mA,SO-8	1.00	EA	R	0.00	0	0	ITEM 35	24
.2	ES1217LM78L12AC	IC,VltgRegultor,12V,100mA,SO-8	1.00	EA	R	0.00	0	0	ITEM 36	25
.2	ES1218LM61B1M3	IC,Temp.Sensor,2.7V,Sot-23	1.00	EA	R	0.00	0	0	ITEM 37	26
.2	ES1214MAX4194ES	IC,OpAmp,Single,8-Pin,SO-8	1.00	EA	R	0.00	0	0	ITEM 38	27
.2	ES12177805CD2T	IC,Vltg Regulator,5V,1A,936pkg	1.00	EA	R	0.00	0	0	ITEM 39	28
.2	ES2200PST01A1	Load,200mV/W,1Watt,10mA 200-6000MHZ,0 to 25V	1.00	EA	R	0.00	0	0	ITEM 40	29
.2	ES1204MAX9031AU	IC,Comparator,5-Pin,SOT23 2.5-5.5V,Rail-Rail Output	1.00	EA	R	0.00	0	0	ITEM 41	30
.2	ES0604LL4148DIC	Diode,Switching,100V,500mV UltraFast	2.00	EA	R	0.00	0	0	ITEM 43	31

15:15:37

## Bill of Material

Parent part: DRASSY203382 Assy,Amp., 80 Watt,Top,GEN 2

Type : A Rev E

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
. . . 2	ES0607HSMS2825B	Diode,Detector,15V,1pF SOT-23	1.00	EA	R	0.00	0	0	ITEM 44	32
. . . 2	ES140314130	Res,Chip,130,1210,1%,1/4W	1.00	EA	R	0.00	0	0	ITEM 46	33
. . . 2	ES14031451	Res,Chip,51,1210,1%,1/4W	1.00	EA	R	0.00	0	0	ITEM 47	34
. . . 2	ES16041468	Res,Chip,68,1210,5%,1/4W	2.00	EA	R	0.00	0	0	ITEM 48	35
. . . 2	ES1302121P2K	Res,Chip,1.2K,0805,0.1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 49	36
. . . 2	ES1302122P2K	Res,Chip,2.2K,0805,0.1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 50	37
. . . 2	ES1401121K	Res,Chip,1.0K,0805,1%,1/10W	5.00	EA	R	0.00	0	0	ITEM 51	38
. . . 2	ES18005K	Res,Pot.meter,5K,10%,1/4W SMT	3.00	EA	R	0.00	0	0	ITEM 52	39
. . . 2	ES16021210	Res,Chip,10,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 53	40
. . . 2	ES14011271P5	Res,Chip,71.5,0805,1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 54	41
. . . 2	ES160212100	Res,Chip,100,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 55	42
. . . 2	ES16021251	Res,Chip,51,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 56	43
. . . 2	ES1602124P7K	Res,Chip,4.7K,0805,5%,1/10W	2.00	EA	R	0.00	0	0	ITEM 57	44
. . . 2	ES14011224P3K	Res,Chip,24.3K,0805,1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 58	45
. . . 2	ES14011210K	Res,Chip,10K,0805,1%,1/10W	5.00	EA	R	0.00	0	0	ITEM 59	46
. . . 2	ES16021251K	Res,Chip,51K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 60	47
. . . 2	ES1401128P25K	Res,Chip,8.25K,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 61	48
. . . 2	ES14011224P9K	Res,Chip,24.9K,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 62	49
. . . 2	ES160212200K	Res,Chip,200K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 63	50
. . . 2	ES160212510K	Res,Chip,510K,0805,5%,1/10W	2.00	EA	R	0.00	0	0	ITEM 64	51
. . . 2	ES160212100K	Res,Chip,100K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 65	52
. . . 2	ES140112511	Res,Chip,511,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 66	53
. . . 2	ES140416100	Res,Chip,100,2010,1%,1/2W	2.00	EA	R	0.00	0	0	ITEM 70	53
. . . 2	ES16021247K	Res,Chip,47K,0805 5% 1/10W	3.00	EA	R	0.00	0	0	ITEM 76	54
. . . 2	ES1602120P0	Res,Chip,0,0805,5%,1/10W	6.00	EA	R	0.00	0	0	ITEM 78	55
. . . 2	ES1603130P0	Res,Chip,0,1206,5%,1/8W	1.00	EA	R	0.00	0	0	ITEM 79	56
. . . 2	ES1401125P11K	Res,Chip,5.11K,0805,1%,1/10W	3.00	EA	R	0.00	0	0	ITEM 82	58
. . . 1	ES10001P96G100	Isolator,1.93-1.99 GHz,125Watt Clockwise	1.00	EA	R	0.00	0	0	ITEM 4	2
. . . 1	EN1704RK1E5V	Switch,Relay,5V,PcMNT,1.5GHz	1.00	EA	R	0.00	0	0	ITEM 5	3
. . . 1	ES0350A1J4	Cap,Trimmer,0.45pF-4pF,500V Voltronics	1.00	EA	R	0.00	0	0	ITEM 23	4
. . . 1	EN020033100103	Atten,3dB,4GHz,20W,Flange	1.00	EA	R	0.00	0	0	ITEM 26	5
. . . 1	ES2303MRF18085B	Trans,LDMOSFET,1.99Ghz,85W,PCS Motorola	1.00	EA	R	0.00	0	0	ITEM 28	6
. . . 1	HD0402250PPSS	Screw,2-56x1/4"LG,PH PAN,S/S UNC-2A	1.00	EA	R	0.00	0	0	ITEM 83	7
. . . 1	HD0402312PPSS	Screw,2-56x5/16"LG,PH PAN,S/S	4.00	EA	R	0.00	0	0	ITEM 84	8
. . . 1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	5.00	EA	R	0.00	0	0	ITEM 88	12
. . . 1	DRCABL203545	Cable,RF,DetectorJumperDAB-GEN2 Rev B	1.00	EA	M	0.00	0	0	ITEM 90	13
. . . 2	HD0300EZ86TP	Cable,Semi-Rigid,0.085 MIL-STD-M17/133-00001	0.21	FT	R	0.00	0	0		1

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## Bill of Material

Parent part: DRASSY203394 Assy,Amp.,80 Watt,Bottom,GEN 2  
 Type : A Rev E

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRASSY203394SUB	AssySub,Amp,80Watt,Bottom,GEN2 Rev E	1.00	EA	M	0.00	0	0		1
.2	DRASSY203396B	Assy,Bonded PCB & Pallet203385 Rev C	1.00	EA	M	0.00	0	0		1
.3	DRPCBD203396	PCB,Amp.,80 Watt,GEN 2,Bottom Rev C	1.00	EA	M	0.00	0	0		1
.4	PM0801RO400332B	Duroid,4003,32mil,1ozCu,24x18"	0.09	EA	R	0.00	0	0	RO4003-32/B	1
.3	DRFNH203385	Finished Pallet,Top,For PCB 203396,Dual Amp Booster,Rev -	1.00	EA	M	0.00	0	0		2
.4	DRMPPT203385	Pallet,Top,For PCB,203396 Amp.,80 Watt,GEN 2,Rev A	1.00	EA	R	0.00	0	0		1
.2	ES03111212P50	Cap,Chip,12pF,0805,5%,50V	20.00	EA	R	0.00	0	0	ITEM 6	3
.2	ES0313121U16	Cap,Chip,1uF,0805,20%,16V	2.00	EA	R	0.00	0	0	ITEM 7	4
.2	ES03421U50	Cap,Chip,Tant,1uF,10%,50V	4.00	EA	R	0.00	0	0	ITEM 8	5
.2	ES031212P1U50	Cap,Chip,0.1uF,0805,10%,50V	15.00	EA	R	0.00	0	0	ITEM 9	6
.2	ES0361A10B1PWF	Cap,ATC,1.0pF,B-Pkg,500V Term Code "W",0.1pF to 1 pF	1.00	EA	R	0.00	0	0	ITEM 10	7
.2	ES0366A10B10PWF	Cap,ATC,10pF,B-Pkg,5%,500V Term Code "W"	3.00	EA	R	0.00	0	0	ITEM 11	8
.2	ES0366A70A102PA	Cap,ATC,1000pF,A-Pkg,5%,50V Term Code P, Multi-Layer	2.00	EA	R	0.00	0	0	ITEM 12	9
.2	ES034310U35	Cap,Chip,Tant,10uF,Dpkg20%,35V	4.00	EA	R	0.00	0	0	ITEM 13	10
.2	ES030013470	EMI Filter,Murata,1206,470pF	6.00	EA	R	0.00	0	0	ITEM 14	11
.2	ES0300PSM4103Z2	EMI Filter,0.01uF,20A,FeedThru	1.00	EA	R	0.00	0	0	ITEM 15	12
.2	ES03111233P50	Cap,Chip,33pF,0805,5%,50V	1.00	EA	R	0.00	0	0	ITEM 16	13
.2	ES031311P47U16	Cap,Chip,0.47uF,0603,20%,16V	6.00	EA	R	0.00	0	0	ITEM 17	14
.2	ES03101212P100	Cap,Chip,12pF,0805,100V,0.5pF	1.00	EA	R	0.00	0	0	ITEM 18	15
.2	ES0361A10B3R3WF	Cap,ATC,3.3pF,.1Tol,B-Pkg,500V Term Code "W"	1.00	EA	R	0.00	0	0	ITEM 20	15
.2	ES0361A10B3R9WF	Cap,ATC,3.9pF,.1Tol,B-Pkg,500V Term Code "W"	1.00	EA	R	0.00	0	0	ITEM 22	17
.2	CN1707B7B7RSM3	Conn,Hdr,7-Pin,0.059",SMT	1.00	EA	R	0.00	0	0	ITEM 25	18
.2	ES2301MMBT2222A	Trans,NPN,40V,350mW,Sot23	3.00	EA	R	0.00	0	0	ITEM 27	19
.2	ES2303SUB65P062	Trans,MOSFET,250W,-65A,d2pak or TO-263	1.00	EA	R	0.00	0	0	ITEM 29	20
.2	ES1217LP295103B	IC,Vltg Regulator,5V,100mA SO-8	1.00	EA	R	0.00	0	0	ITEM 32	21
.2	ES1214LM358MX	IC,Dual OP-Amp,Low Pwr,SOP 8	1.00	EA	R	0.00	0	0	ITEM 33	22
.2	ES1219SW277PIN	IC,Switch,RF,SPDT,GaAs,2.5Ghz DC,SO-8	1.00	EA	R	0.00	0	0	ITEM 34	23
.2	ES1217LM78L05AC	IC,VltgRegultor,5V,100mA,SO-8	1.00	EA	R	0.00	0	0	ITEM 35	24
.2	ES1217LM78L12AC	IC,VltgRegultor,12V,100mA,SO-8	1.00	EA	R	0.00	0	0	ITEM 36	25
.2	ES1218LM61B1M3	IC,Temp.Sensor,2.7V,Sot-23	1.00	EA	R	0.00	0	0	ITEM 37	26
.2	ES1214MAX4194ES	IC,OpAmp,Single,8-Pin,SO-8	1.00	EA	R	0.00	0	0	ITEM 38	27
.2	ES12177805CD2T	IC,Vltg Regulator,5V,1A,936pkg	1.00	EA	R	0.00	0	0	ITEM 39	28
.2	ES2200PST01A1	Load,200mV/W,1Watt,10mA 200-6000MHZ,0 to 25V	1.00	EA	R	0.00	0	0	ITEM 40	29
.2	ES1204MAX9031AU	IC,Comparator,5-Pin,SOT23 2.5-5.5V,Rail-Rail Output	1.00	EA	R	0.00	0	0	ITEM 41	30
.2	ES0604LL4148DIC	Diode,Switching,100V,500mV UltraFast	2.00	EA	R	0.00	0	0	ITEM 43	31

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## Bill of Material

Parent part: DRASSY203394 Assy,Amp., 80 Watt,Bottom,GEN 2

Type : A Rev E

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
. . 2	ES0607HSMS2825B	Diode,Detector,15V,1pF SOT-23	1.00	EA	R	0.00	0	0	ITEM 44	32
. . 2	ES140314130	Res,Chip,130,1210,1%,1/4W	1.00	EA	R	0.00	0	0	ITEM 46	33
. . 2	ES14031451	Res,Chip,51,1210,1%,1/4W	1.00	EA	R	0.00	0	0	ITEM 47	34
. . 2	ES16041468	Res,Chip,68,1210,5%,1/4W	2.00	EA	R	0.00	0	0	ITEM 48	35
. . 2	ES1302121P2K	Res,Chip,1.2K,0805,0.1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 49	36
. . 2	ES1302122P2K	Res,Chip,2.2K,0805,0.1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 50	37
. . 2	ES1401121K	Res,Chip,1.0K,0805,1%,1/10W	5.00	EA	R	0.00	0	0	ITEM 51	38
. . 2	ES18005K	Res,Pot.meter,5K,10%,1/4W SMT	3.00	EA	R	0.00	0	0	ITEM 52	39
. . 2	ES16021210	Res,Chip,10,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 53	40
. . 2	ES14011271P5	Res,Chip,71.5,0805,1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 54	41
. . 2	ES160212100	Res,Chip,100,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 55	42
. . 2	ES16021251	Res,Chip,51,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 56	43
. . 2	ES1602124P7K	Res,Chip,4.7K,0805,5%,1/10W	2.00	EA	R	0.00	0	0	ITEM 57	44
. . 2	ES14011224P3K	Res,Chip,24.3K,0805,1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 58	45
. . 2	ES14011210K	Res,Chip,10K,0805,1%,1/10W	5.00	EA	R	0.00	0	0	ITEM 59	46
. . 2	ES16021251K	Res,Chip,51K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 60	47
. . 2	ES1401128P25K	Res,Chip,8.25K,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 61	48
. . 2	ES14011224P9K	Res,Chip,24.9K,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 62	49
. . 2	ES160212200K	Res,Chip,200K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 63	50
. . 2	ES160212510K	Res,Chip,510K,0805,5%,1/10W	2.00	EA	R	0.00	0	0	ITEM 64	51
. . 2	ES160212100K	Res,Chip,100K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 65	52
. . 2	ES140112511	Res,Chip,511,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 66	53
. . 2	ES140416100	Res,Chip,100,2010,1%,1/2W	2.00	EA	R	0.00	0	0	ITEM 70	53
. . 2	ES16021247K	Res,Chip,47K,0805 5% 1/10W	3.00	EA	R	0.00	0	0	ITEM 76	54
. . 2	ES1602120P0	Res,Chip,0,0805,5%,1/10W	6.00	EA	R	0.00	0	0	ITEM 78	55
. . 2	ES1603130P0	Res,Chip,0,1206,5%,1/8W	1.00	EA	R	0.00	0	0	ITEM 79	56
. . 2	ES1401125P11K	Res,Chip,5.11K,0805,1%,1/10W	3.00	EA	R	0.00	0	0	ITEM 82	58
. 1	ES10001P96G100C	Isolator,1.93-1.99 GHz,125Watt Counter Clockwise	1.00	EA	R	0.00	0	0	ITEM 4	2
. 1	EN1704RK1E5V	Switch,Relay,5V,PcMNT,1.5GHz	1.00	EA	R	0.00	0	0	ITEM 5	3
. 1	ES0350A1J4	Cap,Trimmer,0.45pF-4pF,500V Voltronics	1.00	EA	R	0.00	0	0	ITEM 23	4
. 1	EN020033100103	Atten,3dB,4GHz,20W,Flange	1.00	EA	R	0.00	0	0	ITEM 26	5
. 1	ES2303MRF18085B	Trans,LDMOSFET,1.99Ghz,85W,PCS Motorola	1.00	EA	R	0.00	0	0	ITEM 28	6
. 1	HD0402250PPSS	Screw,2-56x1/4"LG,PH PAN,S/S UNC-2A	1.00	EA	R	0.00	0	0	ITEM 83	7
. 1	HD0402312PPSS	Screw,2-56x5/16"LG,PH PAN,S/S	4.00	EA	R	0.00	0	0	ITEM 84	8
. 1	HD0602MLKSS	Washer,#2,Med.Split Lock S/S	5.00	EA	R	0.00	0	0	ITEM 88	12
. 1	DRCABL203545	Cable,RF,DetectorJumperDAB-GEN2 Rev B	1.00	EA	M	0.00	0	0	ITEM 90	13
. . 2	HD0300EZ86TP	Cable,Semi-Rigid,0.085 MIL-STD-M17/133-00001	0.21	FT	R	0.00	0	0		1

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## Bill of Material

Parent part: DRASSY203397 Assy,Dual Alrm Brd,D.A.B.GEN 2  
 Type : M Rev -

Level	Component	Description	Qty Required	UM	T	Scrap	Seq	RtNum	Reference	Lin
.1	DRPCBD203399	PCB,Dual Alarm,DualAmpBstrGEN2 Rev -	1.00	EA	R	0.00	0	0	ITEM 2	1
.1	CN0908PH18TA	Conn,Hdr,0.1"IDC,8-Pin,Flat 0.025",PCB Mnt,Mating LG=.235"	2.00	EA	R	0.00	0	0	ITEM 3	2
.1	CN0902PH12TA	Conn,Hdr,0.1"IDC,2-Pin,Flat 0.025",PCB Mnt,Mating LG=.235"	1.00	EA	R	0.00	0	0	ITEM 4	3
.1	CN0902MLSS1002	Conn,Hdr,0.1"IDC,2-Pin0.025 PCB Mnt	1.00	EA	R	0.00	0	0	ITEM 5	4
.1	CN0903MLSS1003	Conn,Hdr,0.1"IDC,3-Pin0.025 PCB Mnt	2.00	EA	R	0.00	0	0	ITEM 6	5
.1	CN09161033083	Conn,Hdr,0.1",16-Pin,4-SIDE 0.025",PCB Mnt	1.00	EA	R	0.00	0	0	ITEM 7	6
.1	CN09101033081	Conn,Hdr,0.1",10-Pin,4-SIDE 0.025",PCB Mnt	1.00	EA	R	0.00	0	0	ITEM 8	7
.1	CN1707B7B7RSM3	Conn,Hdr,7-Pin,0.059",SMT	2.00	EA	R	0.00	0	0	ITEM 9	8
.1	EN1704Z775	Switch,Relay,SPDT,1A,24V,3840 Ohms Coil	4.00	EA	R	0.00	0	0	ITEM 10	9
.1	ES2301MMBT2222A	Trans,NPN,40V,350mW,Sot23	4.00	EA	R	0.00	0	0	ITEM 11	10
.1	ES12177805CD2T	IC,Vltg Regulator,5V,1A,936pkg	1.00	EA	R	0.00	0	0	ITEM 12	11
.1	ES1222MC68HC908	IC,Microprocr,8-Bit,Flash28Pin SOIC Case#751F	2.00	EA	R	0.00	0	0	ITEM 13	12
.1	ES0601P524CT	Diode,LED,Red HI BRT,SS Type LO CURR.	5.00	EA	R	0.00	0	0	ITEM 14	13
.1	ES0602S1DBDICT	Diode,1A,200V,Glass Pass,DO214	4.00	EA	R	0.00	0	0	ITEM 15	14
.1	ES0503CTX507	Crystal,9.8304MHz,20pF,LoadCap	2.00	EA	R	0.00	0	0	ITEM 16	15
.1	ES034310U35	Cap,Chip,Tant,10uF,Dpkg20%,35V	4.00	EA	R	0.00	0	0	ITEM 17	16
.1	ES031312P1U50	Cap,Chip,0.1uF,0805,20%,50V	9.00	EA	R	0.00	0	0	ITEM 18	17
.1	ES03111222P50	Cap,Chip,22pF,0805,5%,50V	4.00	EA	R	0.00	0	0	ITEM 19	18
.1	ES1602129P1M	Res,Chip,9.1M,0805,5%,1/10W	2.00	EA	R	0.00	0	0	ITEM 21	20
.1	ES1401125P11K	Res,Chip,5.11K,0805,1%,1/10W	8.00	EA	R	0.00	0	0	ITEM 22	21
.1	ES160212430	Res,Chip,430,0805,5%,1/10W	5.00	EA	R	0.00	0	0	ITEM 23	22
.1	ES14011210K	Res,Chip,10K,0805,1%,1/10W	1.00	EA	R	0.00	0	0	ITEM 24	23
.1	ES1602121K	Res,Chip,1.0K,0805,5%,1/10W	1.00	EA	R	0.00	0	0	ITEM 25	24
.1	EN2106SC12	Res,Wirewound,SiCrmic,12,5%,5W	2.00	EA	R	0.00	0	0	ITEM 26	25
.1	ES140112100K	Res,Chip,100K,0805,1%,1/10W	2.00	EA	R	0.00	0	0	ITEM 27	26