

Branch Plant	AE	Assembly No.	08-05869-001
Issue	2	Title	PA Assy c/w Heatsink
Notional NU		Last CR	27262/27263 13/8/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
	Heat, Transfer Compound	Electrolube	317-950 HTCI	71-31000-034	.01	EA	
5	Label, Serial/Barcode			06-02068	1.00	EA	
C200	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C201	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C202	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C203	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C204	22p 5% 50V NPO 0805 NI	Philips	0805CG220J9B200	46-12200-081			
C205	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C206	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C207	39p 5% 50V NPO 0805 NI	Philips	0805CG220J9B200	46-13900-081			
C208	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C209	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C210	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C211	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C212	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C213	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C214	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C215	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C216	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C217	330p 5% 50V NPO 0805 NI	Philips	0805CG331J9B200	46-23300-081			
C218	22p 5% 50V NPO 0805 NI	Philips	0805CG220J9B200	46-12200-081			
C219	1n 5% 50V NPO 0805 NI	Philips	0805CG102J9BB-	46-31000-082			
C220	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C221	470p 5% 500V NPO 1210 NI	Philips	2222-972-11545	46-24700-082			
C222	470p 5% 500V NPO 1210 NI	Philips	2222-972-11545	46-24700-082			
C223	470p 5% 500V NPO 1210 NI	Philips	2222-972-11545	46-24700-082			
C225	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C226	47p 5% 50V NPO 0805 NI	Philips	0805CG470J9B200	46-14700-080			
C227	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C228	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C229	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C230	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C231	470n 10% 63V PE C	Philips	2222 370 18474	46-54700-521			
C232	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C233	100p 5% 50V NPO 0805 NI	Philips	0805CG101J9B200	46-21000-081			
C234	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C235	22p 5% 500V NPO 1206 NI	Philips	2238-971-11527	46-12200-082			
C236	100n 10% 50V X7R 0805 NI	Philips	08052R104K9BB	46-51000-282			
C237	100u 25V EL C	Philips	2222-035-56101	48-21002-551			
C238	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
C239	33n 10% 50V X7R 0805 NI	Philips	08052R333K9BB00	46-43300-281			
D202	Diode, Schottky S	HP	HSMS-2800	BA870			
D203	Diode, Zener 15V 5% 0.2W SOT	Philips	BZX84C15-215	BZX84C15			
D204	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D205	Diode, 400V 1A S	ON Semiconduc	MRA4007T3	MRA4004T3			
D206	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D207	Diode, Si High speed 75V S	Philips	BAS16/215	BAS16			
D208	Diode, Schottky S	HP	HSMS-2800	BA870			
IC200	Reg, Voltage +5V 0.1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC201	Amp, Operational Dual IC	Philips	LM358D	XA-00358-700			
J200	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
K200	Relay, IC 12V 16A 340.0	EBERLE	042901 62 0100	64-31125-234			
L200	Choke, EMI/EMC 0A DC >10MHz	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L201	Choke, EMI/EMC 0A DC >10MHz	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L202	Ind, 1uH 10% 3225	TOKO	380LB-1R0K	43-80100-001			
L203	Ind, 100nH 20% 3225	TOKO	380NB-R10M	43-80010-000			
L204	Choke, EMI/EMC 0A DC >10MHz	Taiyo Yuden	BK 2125 HS 330-T	43-90004			
L205	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L206	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L207	Ind, PA DC feed or/wh/or	Petronics	44-70457	44-70457			
P200	Header (P) 16way 2row Boxed SM	Neltron	2316SMD-16G	60-00160-003			
R200	47 Ohm 5% 0.1W 08			40-14700-111			
R201	47 Ohm 5% 0.1W 08			40-14700-111			
R202	56 Ohm 5% 0.1W 08			40-15600-111			
R203	330 Ohm 5% 0.1W 08			40-23300-111			

## Codan Bill of Materials Report

Branch Plant	AE	Assembly No.	08-05869-001
Issue	2	Title	PA Assy c/w Heatsink
Notional WU		Last CR	27262/27263 13/8/02

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R204	330 Ohm 5% 0,1W	08		40-23300-111			
R205	Pot,100 Lin MG Trim	S		42-21004-000			
R206	27 Ohm 5% 0,1W	08	Bourns 3314 J-1-101E	40-12700-111			
R207	10 Ohm 5% 0,1W	08		40-11000-111			
R208	47k Ohm 5% 0,1W	08		40-44700-111			
R209	3,9k Ohm 5% 0,1W	08		40-33900-111			
R210	10k Ohm 5% 0,1W	08	Philips 2322-730-61103	40-41000-111			
R211	4,7k Ohm 5% 0,1W	08		40-34700-111			
R212	10k Ohm 5% 0,1W	08	Philips 2322-730-61103	40-41000-111			
R213	680 Ohm 5% 0,1W	08		40-26800-111			
R214	680 Ohm 5% 0,1W	08		40-26800-111			
R215	470 Ohm 5% 0,1W	08		40-24700-111			
R216	4,7 Ohm 5% 0,1W	08	Phycomp 2322 734 64708	40-04700-111			
R217	22 Ohm 5% 0,1W	08	D1202RPCS	40-12200-111			
R218	4,7 Ohm 5% 0,1W	08	Phycomp 2322 734 64708	40-04700-111			
R219	22 Ohm 5% 0,1W	08	D1202RPCS	40-12200-111			
R220	4,7k Ohm 5% 0,1W	08		40-34700-111			
R222	Pot,1k Lin MG Trim	S	Bourns 3314 J-1-102E	42-31004-000			
R224	2,2k Ohm 5% 0,1W	08	Philips 2322 730 61222	40-32200-111			
R225	3,9k Ohm 5% 0,1W	08		40-33900-111			
R226	56 Ohm 5% 0,1W	08		40-15600-111			
R227	220 Ohm 5% 0,1W	08		40-22200-111			
R228	100 Ohm 5% 0,1W	08	Philips 2322 730 61101	40-21000-111			
R229	150 Ohm 5% 0,125W	12	Philips 2322 711 61151	40-21500-101			
R230	120 Ohm 5% 0,125W	12	Philips 2322 711 61121	40-21200-101			
R231	1 Ohm 1% 0,1W	08	Phycomp 2322 734 61009	40-01000-115			
R232	1 Ohm 1% 0,1W	08	Phycomp 2322 734 61008	40-01000-115			
R233	1 Ohm 1% 0,1W	08	Phycomp 2322 734 61008	40-01000-115			
R234	1 Ohm 1% 0,1W	08	Phycomp 2322 734 61008	40-01000-115			
R235	120 Ohm 5% 0,125W	12	Philips 2322 711 61121	40-21200-101			
R236	120 Ohm 5% 0,125W	12	Philips 2322 711 61121	40-21200-101			
R238	1k Ohm 5% 0,1W	08	Philips 2322 730 61102	40-31000-111			
R239	Pot,1k Lin MG Trim	S	Bourns 3314 J-1-102E	42-31004-000			
R240	820 Ohm 5% 0,1W	08		40-28200-111			
R241	Pot,10k Lin MG Trim	S	Bourns 3314 J-1-103E	42-41004-000			
R243	330 Ohm 5% 0,1W	08		40-23300-111			
R244	100 Ohm 5% 0,1W	08	Philips 2322 730 61101	40-21000-111			
R245	10k Ohm 5% 0,1W	08	Philips 2322-730-61103	40-41000-111			
R246	820 Ohm 5% 0,1W	08		40-28200-111			
R247	15 Ohm 5% 0,1W	08	Vishay D12015R2BS	40-11500-111			
R248	47 Ohm 5% 0,1W	08		40-14700-111			
R249	2,2 Ohm 5% 1,0W MELF 2512	IRC	CPH1-100-2R20-J-7	40-02200-135			
R250	2,2 Ohm 5% 1,0W MELF 2512	IRC	CPH1-100-2R20-J-7	40-02200-135			
R251	2,2 Ohm 5% 1,0W MELF 2512	IRC	CPH1-100-2R20-J-7	40-02200-135			
R252	2,2 Ohm 5% 1,0W MELF 2512	IRC	CPH1-100-2R20-J-7	40-02200-135			
R253	470 Ohm 5% 0,1W	08		40-24700-111			
R254	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R255	470 Ohm 5% 0,1W	08		40-24700-111			
R256	180k Ohm 1% 0,1W	08	Philips 2322 734 61804	40-51800-115			
R258	4,7k Ohm 5% 0,1W	08		40-34700-111			
R259	4,7 Ohm 5% 0,1W	08	Phycomp 2322 734 64708	40-04700-111			
R260	10k Ohm 5% 0,1W	08	Philips 2322-730-61103	40-41000-111			
R261	Res., Voltage Dependent		Philips 2322-592-52506	41-22506-592			
R262	50 Ohm 80°C PTC Thermist	Philips	2322-660-91008	41-11500-660			
R263	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R264	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R265	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R266	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R267	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R268	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R269	4,7 Ohm 5% 1,0W MELF 2512	IRC	CHP1-100-4R70-J-7	40-04700-135			
R270	47 Ohm 5% 0,1W	08		40-14700-111			
R271	68 Ohm 5% 0,1W	08	D12068RPCS	40-16800-111			
R272	100 Ohm 5% 0,125W	12	Philips 2322 711 61101	40-21000-101			
R273	Pot,100 Lin MG Trim	S	Bourns 3314 J-1-101E	42-21004-000			
R274	220 Ohm 5% 0,1W	08		40-22200-111			
R275	2,2k Ohm 5% 0,1W	08	Philips 2322 730 61222	40-32200-111			
R276	Not Fitted			**-00000-001			Not Fitted
T200	Transformer, Input	Protran	44-80283	44-80283			
T201	Transformer, Pre-driver I/P	Protran	44-80284	44-80284			
T202	Pre-Driver Transformer	Protran	44-80278	44-80278			
T203	Driver Transformer	Protran	44-80279	44-80279			
T204	Output Transformer			44-80277			

Branch Plant **AE** Assembly No. **08-05869-001**  
 Issue **2** Title **PA Assy c/w Heatsink**  
 Notional WU Last CR **27262/27263 13/8/02**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
V200	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V201	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V202	JFET, N Channel	SOT23 Philips	PMBFJ309-215	PMBFJ309			
V203	JFET, N Channel	SOT23 Philips	PMBFJ309-215	PMBFJ309			
V204	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V205	Transistor, NPN Si	S Philips	BFQ17/115	BFQ17			
V206	Transistor, NPN Si	S	BC847C-215	BC847			
V207	Transistor, NPN Si	Mitsubishi	2SC1971	2SC1971			
V208	Transistor, NPN Si	Mitsubishi	2SC1971	2SC1971			
V209	Transistor, NPN Si	S	BC847C-215	BC847			
V210	Transistor, NPN Si	S	BC847C-215	BC847			
V211	Transistor, RF Power HF	ST Microelect	SD1446-02	MS1253-CDN			
V212	Transistor, RF Power HF	ST Microelect	SD1446-02	MS1253-CDN			
V213	Transistor, Darlington NPN Si	Philips	BD677/BD679/BD681	BD675			
V214	MOSFET, N Channel Enhance	SOT2 Philips	BSP126	BSP126			
V215	Transistor, PNP Si	S	BC856-215	BC856			
V216	Transistor, PNP Si	S	BC856-215	BC856			
V217	Transistor, PNP Si	S Philips	BC869/115	BC869			
1	PCB, Power Amplifier	Imp	07-01948-01	07-01948-01	1.00	EA	
2	Rivet, Tinned Brass Chobert 4,	Avdel	01143-00516	33-40340-095	2.00	EA	
3	Stake, Terminal	Autosplice	7-22461-5	61-40300-004	8.00	EA	
4	Heatsink, RF Unit	Diometrics	05-07243	05-07243	1.00	EA	
6	Cable, CIB	Intertech	08-05483-001 (1215	08-05483-001	1.00	EA	
7	Cable, Ant control	Cablex	08-05486-001 (1215	08-05486-001	1.00	EA	
8	Cable, PA O/P Coax	Comoss	08-05964-001	08-05964-001	1.00	EA	
9	Cable, Battery	Cablex	08-05969-001	08-05969-001	1.00	EA	
10	Screw, M3x6 "TAPTITE 2"	P/Po Thomas Warbrt		31-03006-580	7.00	EA	
11	Screw, M3x8 "TAPTITE 2"	P/Po Ajax Fastener	304 Stainless	31-03008-580	6.00	EA	
12	Lug, Solder 3,5mm	Cliford W Lt	G410 Code 330	61-30200-025	4.00	EA	
13	Washer, Mica (1kV)	TO-2 Philips	020628	30-45002-002	3.00	EA	
14	Bush, Transistor	TO-2 Motorola	B51547F019	30-03801-001	2.00	EA	
15	Tubing, Heatshrink 4,8x0,2	Bowthorpe	LVR 48	71-80502-400	.01	MT	
17	Screw, M3x10 "TAPTITE 2"	P/Po Thomas Warbrt		31-03010-582	1.00	EA	
	PA Filter & Control			04-03369	.01	EA	PA Filter & Control
	Matching Proc for 23-20011			10-00895	.01	EA	Matching Proc for 2
	Assy Proc, NGT PA			11-06068	.01	EA	Assy Proc, NGT PA

Branch Plant: **AR** Assembly No. **08-05910-001**  
 Issue: **1** Title **Filter & Control PCB**  
 Notional WU Last CR **27199 19/4/02**

Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
2	Label, Serial/Barcode			06-02068	1.00	EA	
B1	Temp Sensor 10mV/degree C	S National	LM50BIM3X	LM50CIM3X			
C1	3.3n	10% 100V X7R	0805 NI Philips	08052R332K0B200	46-33300-082		
C2	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C3	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C4	39p	5% 500V NPO	1206 NI Philips	2238-971-11531	46-13900-082		
C5	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C6	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C7	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C8	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C9	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C10	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C11	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C12	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C13	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C14	470p	5% 500V NPO	1210 NI Philips	2222-972-11545	46-24700-082		
C15	390p	5% 500V NPO	1210 NI Philips	1210CG391JDB-	46-23900-082		
C16	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C17	470p	5% 500V NPO	1210 NI Philips	2222-972-11545	46-24700-082		
C18	390p	5% 500V NPO	1210 NI Philips	1210CG391JDB-	46-23900-082		
C19	390p	5% 500V NPO	1210 NI Philips	1210CG391JDB-	46-23900-082		
C21	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C22	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C23	390p	5% 500V NPO	1210 NI Philips	1210CG391JDB-	46-23900-082		
C24	68p	5% 500V NPO	1210 NI Philips	2222-972-11534	46-16800-082		
C25	56p	5% 500V NPO	1210 NI Philips	2222-972-11533	46-15600-082		
C26	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C27	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C28	220p	5% 500V NPO	1210 NI Philips	2222-972-11541	46-22200-082		
C29	220p	5% 500V NPO	1210 NI Philips	2222-972-11541	46-22200-082		
C30	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C31	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C32	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C33	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C34	330p	5% 500V NPO	1210 NI Philips	2222-972-11543	46-23300-082		
C35	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C36	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C37	47p	5% 500V NPO	1206 NI Philips	2238-971-11532	46-14700-082		
C38	56p	5% 500V NPO	1210 NI Philips	2222-972-11533	46-15600-082		
C39	220p	5% 500V NPO	1210 NI Philips	2222-972-11541	46-22200-082		
C40	270p	5% 500V NPO	1210 NI Philips	2222-972-11542	46-22700-082		
C41	47p	5% 500V NPO	1206 NI Philips	2238-971-11532	46-14700-082		
C42	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C43	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C44	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C45	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C46	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C47	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C48	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C49	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C50	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C51	180p	5% 500V NPO	1210 NI Philips	2222-972-11539	46-21800-082		
C52	220p	5% 500V NPO	1210 NI Philips	2222-972-11541	46-22200-082		
C53	68p	5% 500V NPO	1210 NI Philips	2222-972-11534	46-16800-082		
C54	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C55	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C56	33p	5% 500V NPO	1206 NI Philips	2238-971-11529	46-13300-082		
C57	82p	5% 500V NPO	1210 NI Philips	2222-972-11535	46-18200-082		
C58	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C59	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C60	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C61	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C62	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C63	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C64	150p	5% 500V NPO	1210 NI Philips	1210CG151JDB-	46-21500-082		
C65	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C66	100p	5% 500V NPO	1210 NI Philips	2222-972-11536	46-21000-082		
C67	22p	5% 500V NPO	1206 NI Philips	2238-971-11527	46-12200-082		
C68	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C69	120p	5% 500V NPO	1210 NI Philips	2222-972-11537	46-21200-082		
C70	56p	5% 500V NPO	1210 NI Philips	2222-972-11533	46-15600-082		
C71	47p	5% 500V NPO	1206 NI Philips	2238-971-11532	46-14700-082		

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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty.	UM	Remarks
C147	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C148	100p 5% 50V NPO 0805 N1	Philips	0805CG101J98200	46-21000-081			
C149	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C150	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C151	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C153	33n 10% 50V X7R 0805 N1	Philips	08052R333K98B00	46-43300-281			
C154	1u 20% 35V 3528 TA C	Kemet	T491B105M035AS	47-01003-520			
C155	10u 20% 25V 6032 TA C	Kemet	T491C106M025AS	47-11002-520			
C156	33n 10% 50V X7R 0805 N1	Philips	08052R333K98B00	46-43300-281			
C157	100p 5% 50V NPO 0805 N1	Philips	0805CG101J98200	46-21000-081			
C158	47p 5% 500V NPO 1206 N1	Philips	2238-971-11532	46-14700-082			
C159	27p 5% 500V NPO 1206 N1	Philips	2238-971-11528	46-12700-082			
C160	68p 5% 500V NPO 1210 N1	Philips	2222-972-11534	46-16800-082			
C161	22p 5% 500V NPO 1206 N1	Philips	2238-971-11527	46-12200-082			
C162	27p 5% 500V NPO 1206 N1	Philips	2238-971-11528	46-12700-082			
C163	22p 5% 500V NPO 1206 N1	Philips	2238-971-11527	46-12200-082			
C164	220p 5% 500V NPO 1210 N1	Philips	2222-972-11541	46-22200-082			
D1	Diode, Schottky	S HP	HSMS-2800	BAS70			
D2	Diode, Schottky	S HP	HSMS-2800	BAS70			
D3	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D4	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D5	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D6	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D7	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D8	Diode, Si High speed 75V SOD80	Philips	BAS32L	BAS32L/S			
D9	Diode, Band Switch Si	S Philips	BA242AL	BA423L			
D10	LED, Green PLCC SMD Non Diffus	Siemens	LG T670-L	65-51110-507			
D11	Diode, Si High speed 75V	S Philips	BAS16/215	BAS16			
D12	Diode, Si High speed 75V	S Philips	BAS16/215	BAS16			
D14	Diode, Schottky	S HP	HSMS-2800	BAS70			
D15	Diode, Si High speed 75V	S Philips	BAS16/215	BAS16			
IC1	Reg. Voltage +10V IC	National	LM2940T-10	XB-02940-402			
IC2	Micro prgm3, RPU Filter I/O			90-20608-001			
IC3	Array, Transistor	On-Semiconduc	MCL1413DR2	XT-01413-700			
IC4	Reg. Voltage +5V 0.1A IC	Motorola	MC78L05ACD	XB-07805-700			
IC5	Amp. Oper Dual CMOS IC	National	LMC662CMX	XA-00662-700			
IC6	Amp. Operational Dual IC	Philips	LM358D	XA-00358-700			
J1	Socket, Coax Mini Low Prof Fix	Taiko Denki	TMP-J02X-A1	60-19390-002			
J2	Socket, MCX Straight	P Chin Nan	27-05-TGN	60-19300			
J3	Terminal Block 2 way	PCB BCE	BTB1502	61-10200-202			
K1	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K2	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K3	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K4	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K5	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K6	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K7	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
K8	Relay, 2C 12V 2A SMD 1028 O	Matsushita	TQ2SL-12V	64-21225-310			
L2	Ind, 1mH 10% 1812	Coilcraft	1812LS-105XKBC	43-83100-000			
L3	Ind, 2.1uH vi/gn/bn/rd	Petronics	44-70512	44-70512			
L4	Ind, 1.8uH gn/sl/gn	Petronics	9323/9360/2010	44-70466			
L5	Ind, 3u36 vi/gn/bk/ye			44-70504			
L6	Ind, 1.5uH sl/sl/vi	Fe-tronic		44-70370			
L7	Ind, 1u21 vi/gn/bk/rd			44-70502			
L8	Ind, 2u28 bl/bl/bl/bk	Petronics	44-70476	44-70476			
L9	Ind, 1.0uH sl/sl/or			44-70368			
L10	Ind, 837nH bl/bl/bl/gn	Petronics	9360/2010	44-70477			
L11	Ind, 1.5uH sl/sl/vi	Fe-tronic		44-70370			
L12	Ind, 620nH vi/vi/wh	Fe-tronic		44-70393			
L13	Ind, 530nH bl/bl/bl/bn	Petronics	9360/2010	44-70478			
L14	Ind, 1.0uH sl/sl/or			44-70368			
L15	Ind, 620nH vi/vi/wh	Fe-tronic		44-70393			
L16	Ind, 499nH vi/gn/bk/bn			44-70501			
L17	Ind, 530nH bl/bl/bl/bn	Petronics	9360/2010	44-70478			
L18	Ind, 267nH vi/ye/wh/wh			44-70499			
L19	Ind, 244nH vi/gn/bn/bn	Petronics	44-70511	44-70511			
L20	Ind, 422nH bl/bl/bl/or	Petronics	9360/2010	44-70479			
L22	Ind, 176nH bl/bl/bl/rd	Petronics	9360	44-70482			
L23	Ind, 152nH vi/gn/bn/bk	Petronics	44-70510	44-70510			

Branch Plant **AS** Assembly No. **08-05910-001**  
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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
L24	Ind, 291nH vi/gn/bk/bk			44-70500			
L25	Ind, Common Mode 1.5A	Taiyo Yuden	CM05RA06	43-80000			
L26	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L27	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L28	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
L29	Choke, EMI/EMC 0A DC >1MHz	Taiyo Yuden	FBM4516 HS111-T	43-90003			
P1	Not Fitted			**00000-001			Not Fitted
P2	Header (P) 16way 2row Boxed SM	Neltron	2316SMD-16G	60-00160-003			
P3	Header (P) 2way 1row Latch	JAE	1L-2P-S3EN2	60-00020-260			
P4	Header (P) 16way 2row Boxed SM	Neltron	2316SMD-16G	60-00160-003			
R1	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R2	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R3	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R4	100 Ohm 2% 0,1W Melf 2512	Vishay	SMM0207 50 100R1%8	40-21000-135			
R5	100 Ohm 2% 0,1W Melf 2512	Vishay	SMM0207 50 100R1%8	40-21000-135			
R6	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R7	4,7k Ohm 5% 0,1W 08			40-34700-111			
R8	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R9	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R10	4,7k Ohm 5% 0,1W 08			40-34700-111			
R11	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R12	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R13	22k Ohm 5% 0,1W 08	Vishay	D12022KJBS	40-42200-111			
R14	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R15	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R16	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R17	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R18	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R19	20k Ohm 1% 0,06W 0603	Phycomp	2322 704 62003	40-42000-125			
R20	3,3k Ohm 5% 0,1W 08			40-33300-111			
R21	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R22	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R23	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R26	4,7k Ohm 5% 0,1W 08			40-34700-111			
R27	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R28	18k Ohm 5% 0,1W 08			40-41800-111			
R29	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R30	100 Ohm 5% 0,1W 08	Philips	2322 730 61101	40-21000-111			
R32	Pot, 10k Lin MG Trim S	Bourns	3314 J-1-104E	42-41004-000			
R33	1,5k Ohm 5% 0,1W 08			40-31500-111			
R34	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R35	Pot, 100k Lin MG Trim S	Bourns	3314 J-1-104E	42-51060-001			
R36	220 Ohm 5% 0,1W 08			40-22200-111			
R37	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R38	6,8k Ohm 5% 0,1W 08	05	2322 730 61682	40-36800-111			
R39	82k Ohm 5% 0,1W 08			40-48200-111			
R40	270k Ohm 5% 0,1W 08	Vishay	D12270KJBS	40-52700-111			
R41	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R42	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R43	1,8k Ohm 5% 0,1W 08			40-31800-111			
R44	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R45	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R46	20k Ohm 1% 0,1W 08	Philips	2322 734 62003	40-42000-115			
R47	100k Ohm 5% 0,1W 08	Vishay	D12100KJBS	40-51000-111			
R48	560k Ohm 5% 0,1W 08			40-55600-111			
R49	390k Ohm 5% 0,1W 08	Exaloric	D12390KJBS	40-53900-111			
R50	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			
R51	68k Ohm 5% 0,1W 08	Vishay	D12068KJBS	40-46800-111			
R52	2,7k Ohm 5% 0,1W 08			40-32700-111			
R53	3,3k Ohm 5% 0,1W 08			40-33300-111			
R54	4,7k Ohm 5% 0,1W 08			40-34700-111			
R55	3,9k Ohm 5% 0,1W 08			40-33900-111			
R56	15k Ohm 5% 0,1W 08			40-41500-111			
R57	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R58	22 Ohm 5% 0,1W 08		D12022RPCS	40-12200-111			
R59	120k Ohm 5% 0,1W 08			40-51200-111			
R60	22k Ohm 5% 0,1W 08	Vishay	D12022KJBS	40-42200-111			
R61	82 Ohm 5% 0,1W 08			40-18200-111			
R62	33k Ohm 5% 0,1W 08	Philips	2322 730 61333	40-43300-111			
R63	10k Ohm 5% 0,1W 08	Philips	2322-730-61103	40-41000-111			
R64	470k Ohm 5% 0,1W 08	Vishay	D12470KJBS	40-54700-111			
R65	1k Ohm 5% 0,1W 08	Philips	2322 730 61102	40-31000-111			

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Ref.	Description	Manufacturer	Manufacturer's P/N	Codan P/N	Qty	UM	Remarks
R66	1k Ohm 5% 0.1W 08	Philips	2322 730 61102	40-31000-111			
R67	39k Ohm 5% 0.1W 08			40-43900-111			
R68	5.6k Ohm 5% 0.1W 08			40-35600-111			
R69	1 Ohm 5% 0.1W 08	Philips	2322 730 61108	40-01000-111			
R70	10k Ohm 5% 0.1W 08	Philips	2322-730-61103	40-41000-111			
R71	10k Ohm 5% 0.1W 08	Philips	2322-730-61103	40-41000-111			
R72	33k Ohm 5% 0.1W 08	Philips	2322 730 61333	40-43300-111			
R73	1k Ohm 5% 0.1W 08	Philips	2322 730 61102	40-31000-111			
R74	10k Ohm 1% 0.06W 0603	Phycomp	2322 704 61003	40-41000-125			
R75	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R76	10k Ohm 1% 0.06W 0603	Phycomp	2322 704 61003	40-41000-125			
R77	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R78	10k Ohm 1% 0.06W 0603	Phycomp	2322 704 61003	40-41000-125			
R79	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R80	10k Ohm 1% 0.06W 0603	Phycomp	2322 704 61003	40-41000-125			
R81	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R82	10k Ohm 1% 0.06W 0603	Phycomp	2322 704 61003	40-41000-125			
R83	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R84	20k Ohm 1% 0.06W 0603	Phycomp	2322 704 62003	40-42000-125			
R85	47k Ohm 5% 0.1W 08			40-44700-111			
T1	Txfr, RF or	Fetronics	Various	44-80021			
V1	Transistor, NPN Si S		BC847C-215	BC847			
V2	Transistor, PNP Si S	On-Semiconduc	MJD32CT4	MJD32C			
V3	Transistor, NPN Si S	Philips	BC817	BC817			
V4	Transistor, NPN Si S		BC847C-215	BC847			
V5	Transistor, PNP Si S	Philips	BC858	BC858			
V6	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V7	Transistor, NPN Si S		BC847C-215	BC847			
V8	Transistor, NPN Si S		BC847C-215	BC847			
V9	Transistor, NPN Si S		BC847C-215	BC847			
V10	Transistor, NPN Si S		BC847C-215	BC847			
V11	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V12	Transistor, NPN Si S		BC847C-215	BC847			
V13	Transistor, NPN Si S		BC847C-215	BC847			
V14	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V15	Transistor, NPN Si S		BC847C-215	BC847			
V16	Transistor, NPN Si S		BC847C-215	BC847			
V17	MOSFET, N Channel Enhance. S	Philips	BST82	BST82			
V18	Transistor, NPN Si S		BC847C-215	BC847			
1	PCB, Filter & Control	Imp	07-01967-01	07-01967-01	1.00	EA	
3	Cable, Coax	Intertech	08-05484-001 (1215)	08-05484-001	1.00	EA	
4	Cable, Ribbon, PA - Filter	Auto Assy	08-05487-001	08-05487-001	1.00	EA	
5	Cable, Ribbon, Filter - audio	Auto Assy	2010	08-05488-001	1.00	EA	
PA Filter				04-03369	.01	EA	PA Filter & Control
Assembly				11-06069	.01	EA	Assy Proc, NGT Filtr