

Explosion Level: 20
Implemented Only: Yes
Display Option: Current
Explosion Quantity: 1.00

Org. Engineering Bill of Material Structure Report

Report Date: 03-MAY-2000 11:30
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Item: 110133003 PCA ASSY,DUAL TECH.PRX/MAG.RDR

Engineering Bill: Yes

Build Qty: 1
Alternate: Primary

Unit Cost:
UOM: EA

Labor:
Revision: **B**
Date: 03-MAY-00 11:29

Components

Level	Seq	Item	Description/Comments	Rev	Unit Cost	User	UM	Item Type	Quantity	Extended Quantity
1	10	110133003-50	PCA , DUAL TECH., POSTWAVE	A	B		EA	PHANTOM ITEM	1.0000	1.00
.2	10	110133003-40	PCA , DUAL TECH., HAND	A	B		EA	PHANTOM ITEM	1.0000	1.00
.3	10	110133003-10	PCA , DUAL TECH., SMT/DIP	A	B		EA	PHANTOM ITEM	1.0000	1.00
.4	10	1001330026	PCB,DUAL TECH., PRX/MAG.RDR	C			EA	NON-REL PUR	1.0000	1.00
.4	20	141010500A	RES,50 OHM,1/10W,5PCT,TF,SMT,0805 R40,47,104	0			EA	NON-REL PUR	3.0000	2
.4	30	73103039A	RES,100 OHM,5PCT,1/10W,CER {141010101}{478	A	.0026875		EA	PURCHASED IT	6.0000	6.00
.4	40	141010102	R10,15,41,50,81,105 RES,SMT,1K OHM,1/10W,5PCT,0805 PKG {128-805	M	.0026875		EA	PURCHASED IT	7.0000	7.00
.4	50	73103087A	R29,35,36,52,53,66,82 RES,10K,1/10W,5PCT,SMT,0805,(VIPER-HKY){478	A	.0026875		EA	CONSIGNMENT	23.0000	23.00
.4	60	141010105	R2,9,11-14,16,17,19-21,71,76,77,102,103,106 RES,1M OHM,1/10W,5PCT,SMT,0805 PKG {128-805	M	.0026875		EA	PURCHASED IT	2.0000	2.00
.4	70	73103046A	R67,18 RES,200 OHM,1/10W,5PCT,SMT,0805,(VIPER-HKY)	A	.0025		EA	CONSIGNMENT	2.0000	2.00
.4	80	141010154	R100,101 RES,150K OHM,1/10W,5 PCT,0805	M	.0026875		EA	PURCHASED IT	2.0000	2.00
.4	90	141010222	R84,88 RES,2.2K OHM,1/10W,5 PCT {128-805222}	M	.0026875		EA	PURCHASED IT	2.0000	2.00
.4	100	141010223	R51,86 RES,SM,22K OHM,1/10W,5 PCT,0805	M	.0026875		EA	PURCHASED IT	1.0000	1.00
.4	110	141010363	R91 RES,36K OHM,1/10W,5 PCT,0805,(VIPER-HKY)	M	.0026875		EA	CONSIGNMENT	1.0000	1.00
.4	120	141010471	R72 RES,470 OHM,1/10W,5PCT,SMT,0805 PKG {731030	M	.0026875		EA	PURCHASED IT	9.0000	9.00
.4	130	141010472	R24,34,38,43-45,49,57,65 RES,4.7K OHM,1/10W,5PCT,SMT,0805 PKG {73103	M	.0026875		EA	PURCHASED IT	7.0000	7.00
.4	140	73103103A	R26,31-33,37,42,80 RES,47K OHM,5PCT,1/10W,0805,CER,T/R,(VIPER-	A	.0026875		EA	CONSIGNMENT	1.0000	1.00
.4	150	141010562	R94 RES,5.6K OHM,SMT,1/10W,5PCT,0805 {128-80556	M	.0026875		EA	PURCHASED IT	3.0000	3.00
.4	160	141010563	R55,61,62 RES,56K OHM,1/10W,5PCT,0805,(VIPER-HKY)	M	.0026875		EA	CONSIGNMENT	2.0000	2.00
.4	170	141010681	R39,89 RES,680 OHM,1/10W,5PCT,SMT,0805,(VIPER-HKY)	M	.0026875		EA	CONSIGNMENT	1.0000	1.00
.4	180	141010682	R79 RES,6.8K OHM,1/10W,5PCT,0805 {128-805682}	M	.0026875		EA	PURCHASED IT	1.0000	1.00
.4	190	141010683	R63 RES,68K OHM,1/10W,5 PCT,0805 {128-805683}	M	.0026875		EA	PURCHASED IT	1.0000	1.00
.4	200	141035475	R93 RES,5.9K OHM,1/10W,1PCT,SMT,0805 PKG,(VIPER	C	.0050525		EA	CONSIGNMENT	1.0000	1.00
4	10	100133003D	PCA,B,DUAL TECH.PRX/MAG.RDR						1.0	1.0
4		1030953A	CAP,22P,F,50V,5PCT,COG,SMT,0805						1.0	1.0

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Revision: ~~A~~ B
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Components

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...	4	210	141035478	RES, 6.34K, 1/10W, 1PCT, SMT, 0805, (VIPER-HKY)	C	.0050525	EA	CONSIGNMENT	1.0000	1.00
...	4	220	190065001	CAP, 25V, 20PCT, ELT, SMT R68	B	.145125	EA	PURCHASED IT	2.0000	2.00
...	4	230	190065008	CAP, 25V, 20PCT, ELT, SMT C2, 49	B	.344	EA	PURCHASED IT	1.0000	1.00
...	4	240	200035101	CAP, 200V, 5PCT, CER, COG, SMT C34	B	.069875	EA	PURCHASED IT	1.0000	1.00
...	4	250 200035621	CAP, 200V, 5PCT, CER, COG, SMT C28	B	.11025	EA	PURCHASED IT	1.0000	1.00	
...	4	260	210016472	CAP, 4700PF, 50VDC, 5PCT, COG, SMT C39	H	.0172	EA	PURCHASED IT	1.0000	1.00
...	4	270	210030101	CAP, 100PF, 50VDC, 5PCT, COG, SMT, 0805 PKG C29, 41, 42, 51, C100-C106	C	.041925	EA	PURCHASED IT	11.0000	11.00
...	4	280	210043105	CAP, 1UF, 16V, +80-20PCT, SMT, 1206 C54, 55	C	.03225	EA	PURCHASED IT	2.0000	2.00
...	4	290	210030680	CAP, 68PF, 50VDC, 5PCT, COG, SMT, 0805 PKG C10, 11	C	.041925	EA	PURCHASED IT	2.0000	2.00
...	4	300	210039103	CAP, 50V, 5PTC, COG, 1812 C40	A	.35475	EA	PURCHASED IT	1.0000	1.00
...	4	310	210043225	CAP, 2.2UF, 16V, +80-20 PCT, 1206 C52	C	.0903	EA	PURCHASED IT	1.0000	1.00
...	4	320	15536	DIODE, SWITCHING, IN4148W, SOD-123, (VIPER-HKY) D1, 7, 13-16	A	.037625	EA	CONSIGNMENT	6.0000	6.00
...	4	330	220038001	DIODE, RECT, SM, 600V, FAST REC D11	B	.078475	EA	PURCHASED IT	1.0000	1.00
...	4	340	230017004	DIODE, ZENER, SMT, BZX84C*L D9	D	.039775	EA	PURCHASED IT	1.0000	1.00
...	4	350	230017013	DIODE, ZENER, SM, BZX84C*L D10	D	.039775	EA	PURCHASED IT	1.0000	1.00
...	4	360	230029020	DIODE, SM, RECTIFIER, 1A, 200V D2, 6, 8	C	.06235	EA	PURCHASED IT	3.0000	3.00
...	4	370	230037001	DIODE, SCHOTTKY, SMB, 40V, 1 AMP D12	A	.20425	EA	PURCHASED IT	1.0000	1.00
...	4	380	230047001	LED, SURFACE MOUNT, GREEN{1031068A} D3	A	.123625	EA	PURCHASED IT	1.0000	1.00
...	4	390	230048001	LED, SURFACE MOUNT, YELLOW{1031066A} D5	A	.123625	EA	PURCHASED IT	1.0000	1.00
...	4	400	240046001	XSTR, BCP51-16, PNP, SM Q3	C	.166625	EA	PURCHASED IT	1.0000	1.00
...	4	410	240047001	XSTR, BCP54-16, NPN, SM Q2	C	.172	EA	PURCHASED IT	1.0000	1.00
...	4	420	240049001	XSTR, NPN, SMT, SN2222A Q1, 4	B	.0301	EA	PURCHASED IT	2.0000	2.00
...	4	430	240085001	TRANSISTOR ARRAY, ULN2003A, SO16 TUBE U9	A	.24725	EA	PURCHASED IT	1.0000	1.00

4 141025103

4 200035621

RES, 10K, 1/4W, 5PCT, SMT, 1210 PKG
R110

CAP, 680PF, 200V, SMT, CER, COG, SMT, 1206
C37

1.0

1.0

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Item: 110133003

Build Qty: 1

Alternate:

Primary

PCA ASSY,DUAL TECH.PRX/MAG.RDR

Unit Cost:

UOM: EA

Engineering Bill: Yes

Labor:

Revision: B

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Components

Level	Seq	Item	Description/Comments	Rev	Unit Cost	UM	Item Type	Quantity	Extended Quantity
...	4	440	240087036						
...	4	450	260062001						
...	4	460	1033186A						
...	4	470	260069001						
...	4	480	280003002						
...	4	490	113-324014						
...	4	500	280087002						
...	4	510	290024001						
...	4	520	290068008						
...	4	530	290069001						
...	4	540	290089007						
...	4	550	300300060						
...	4	560	300335012						
...	4	570	370101032						
...	4	580	71238019A						
...	4	590	141035455						
...	4	610	490133003						
...	4	620	73103091A						
...	4	630	73103073A						
...	4	640	141010392						
...	4	650	73103080A						
...	4	660	141010622						
...	4	670	141035415						

4

1034035A

CAP, 4.7M, 100V, 20PCT, ELT, SMT A
C120

4

CAP, 4.7M, 100V, 20PCT, ELT, SMT A
C120

1.0

1.0

Explosion Level: 20
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Org. Engineering Bill of Material Structure Report

Item: 110133003 PCA ASSY,DUAL TECH.PRX/MAG.RDR Unit Cost: EA Labor: Engineering Bill: Yes
Build Qty: 1 UOM: Revision: Date: 03-MAY-00 11:29
Alternate: Primary

Components

Level	Seq	Item	Description/Comments	Rev	Unit Cost	User UM	Item Type	Quantity	Extended Quantity
...	4	680	190065004						
			CAP,33UF,25VDC,20PCT,ELT,SMT C15,20,30	B	.1505	EA	PURCHASED IT	3.0000	3.00
...	4	690	210013104						
			CAP,0.1UF,50VDC,10PCT,X7R,SMT,1206 PKG {712 F .031175	F	.031175	EA	PURCHASED IT	32.0000	32.00
...	4	700	300374001						
			FUSE,SELF-RESET,0.14A,60V,1812 PKG C1,3-9,16,19,21,22,31,33,35,38,45,48,50,107-118,122	A	.29025	EA	PURCHASED IT	2.0000	2.00
...	4	710	210035562						
			CAP,25VDC,10PCT,X7R,SMT,0805 F100,101	C	.037625	EA	PURCHASED IT	1.0000	1.00
...	4	720	210047105						
			CAP,1UF,250V,10PCT,CER,SMT,2225 PKG C46	A	.69875	EA	PURCHASED IT	1.0000	1.00
...	4	730	230049001						
			LED,SURFACE MOUNT,RED{1031067A} C53	A	.123625	EA	PURCHASED IT	1.0000	1.00
...	4	740	240071001						
			VOLT REG,MC78M05C,5VDC,SM,TO-252 PKG TUBE D4	B	.30016	EA	PURCHASED IT	1.0000	1.00
...	4	750	260061001						
			IC,SM,3150,NEURON CHIP,QFP14-14/64 PIN TUBE U11	A.1	6.05225	EA	PURCHASED IT	1.0000	1.00
...	4	760	260066001						
			IC,SM,74AC32,OR GATE,S014 TUBE U3	A	.13975	EA	PURCHASED IT	1.0000	1.00
...	4	770	280071001						
			IC,SM,MICRO,DS1232,SO8 U1	A	1.2685	EA	PURCHASED IT	1.0000	1.00
...	4	780	290059001						
			INDUCTOR,SM,LQH4N,1812 PKG U7	A	.13975	EA	PURCHASED IT	1.0000	1.00
...	4	790	300300030						
			VOLTAGE SUPPR., TRANSIENT, SM, SM6T33C L3	B	.252625	EA	PURCHASED IT	4.0000	4.00
...	4	800	360503001						
			SWITCH,SMT SERIES SPST RV3-RV6	B	.6530625	EA	PURCHASED IT	1.0000	1.00
...	4	810	141010104						
			RES,100K OHM,SMT,1/10W,5PCT,0805 {73103111A M	M	.0026875	EA	PURCHASED IT	5.0000	5.00
...	4	820	141010332						
			RES,3.3K OHM,1/10W,5PCT,SMT,0805 PKG R69,70,90,92,95	M	.0026875	EA	PURCHASED IT	3.0000	3.00
...	4	830	71127013A						
			CAP,1000PF,50V,5PCT,NPO,1206{210016102} R25,30,54	A	.0258	EA	PURCHASED IT	6.0000	6.00
...	4	840	210013393						
			CAP,0.039UF,50V,10PCT,SMT,1206 C17,18,23,25,26,43	F	.0473	EA	PURCHASED IT	1.0000	1.00
...	4	860	180013001						
			CAP,22UF,20V,20PCT,TAN C24	A	.258	EA	PURCHASED IT	1.0000	1.00
...	4	870	210030330						
			CAP,33PF,50VDC,5PCT,COG,SMT,0805 PKG C47	C	.0129	EA	PURCHASED IT	2.0000	2.00
...	4	880	580313001						
			FIRMWARE, MOD 1000/1010 (44P) C13,14	B	4.945	EA	MAKE ITEM	1.0000	1.00
...	5	10	280095001						
			IC,SM,PLD,44PIN,EPM7064S,JLEAD TUBE U6	A	4.945	EA	PURCHASED IT	1.0000	1.00
...	5	20	1030464A						
			LBL,BLNK,.5 x .5 {120077001} ECO#12154	A		EA	PURCHASED IT	1.0000	1.00
...	3	20	210031001						
			CAP,0.022UF,400V,10PCT,MTL POLY C27	D	.129	EA	PURCHASED IT	1.0000	1.00

4 141025369 RES,3.6 OHM,1/4W,5PCT,SMT,1210 PKG R111 1.0 1.0
4 141030105 RES,1M,1/8W,10PCT,SMT,1206 PKG R113 1.0 1.0

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Engineering Bill: Yes

Build Qty: 1
Alternate: PrimaryUnit Cost:
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Components

Level	Seq	Item	Description/Comments	Rev	Unit Cost	UM	User Item Type	Quantity	Extended Quantity
..3	50	350076501	CONN, 9 PIN, "D", MALE, (VIPER-HKY) J13	A	1.6985	EA	CONSIGNMENT	1.0000	1.00
..3	60	350139008	INACTIVE, REF 350139008A...CONN, .049 (1.25mm) J7	D		EA	PURCHASE - I	1.0000	1.00
..3	70	340028001	SCREWLOCK, FEMALE, 4-40UNC X .25"	C	.54825	EA	PURCHASED IT	2.0000	2.00
..3	80	350013002	CONN, HEADER, UNSHROUDED, 2 POS, 0.100 CENTERS, (V) J1-JP7	F	.041925	EA	CONSIGNMENT	7.0000	7.00
..3	90	350079002	CONN, HEADER, UNSHROUDED, 90', 0.100 CENTERS, (V) J6	E	.033325	EA	CONSIGNMENT	1.0000	1.00
..3	100	350107011	CONN, HEADER, COMBICOMB, 11 POS, (VIPER-HKY) J8	D	1.55875	EA	CONSIGNMENT	1.0000	1.00
..3	110	350141010	CONN, HEADER, UNSHR, D/R, 0.100 CENT, 0.025 SQ, (A) J9	A	.8385	EA	CONSIGNMENT	1.0000	1.00
..3	120	360023001	SW, CIRCUIT TYPE, ROLLER LEVER S1	B	1.1825	EA	PURCHASED IT	1.0000	1.00
..3	130	370091002	BUZZER, 12V, (VIPER-HKY)	C	1.68775	EA	CONSIGNMENT	1.0000	1.00
..3	140	190056001	CAP, 100UF, 63V, ELT C32, C44	C.1	.166625	EA	PURCHASED IT	2.0000	2.00
..3	150	380650437	HW, STND OFF, 1/4" HEX, 4-40 THREAD, NYLON, (REPL)	A		EA	PURCHASED IT	1.0000	1.00
..3	160	380651004	HW, WSHR, FLAT, NYLON	A		EA	PURCHASED IT	1.0000	1.00
..3	170	380032404	SCR, STEEL, PAN, CAD PLATED (REPL-HKY)	A	0	EA	PURCHASED IT	1.0000	1.00
..3	180	290105001	RELAY, 5V, HS, MAG. SHIELDED K1	A	5.6975	EA	PURCHASED IT	1.0000	1.00
.2	20	120458001	LBL, PCB BARCODE, 1.5 X .25, AMBER	A	.097954	EA	PURCHASED IT	1.0000	1.00
.2	30	350058001	JUMPER, MINI CONN, (VIPER-HKY) JP1-JP7	A	.0645	EA	CONSIGNMENT	7.0000	7.00
.2	70	580312006	FIRMWARE, MODEL 1000/1010 (32 PIN) DUAL TEC U4	A	3.56747	EA	MAKE ITEM	1.0000	1.00
..3	10	270035001	IC, SM, 29C512, 512K, 5V, CMOS, PEROM TUBE	A	3.5475	EA	PURCHASED IT	1.0000	1.00
..3	20	120478001	LBL, BLANK, EPROM, .31 X .31	B	.0199757	EA	PURCHASED IT	1.0000	1.00

***** End of Report *****