

Item Selection: Specific
Build Quantity: 1
Item: 430085001
Alternate Selection: Specific
Alternate:
Revision: M
Date: 2002/02/01 12:11
Item From:
To:
Category Set: Finance
Category From:
To:
Level to Explode: 20
Implemented Only: Yes
Display Option: Current
Assembly Detail: No
Order Entry Detail: No
Leadtime Detail: No
Reference Designators: No
Substitute Components: No
Order By: Op Seq, tem Seq
Use Planning Percent: No

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

Item: 430085001 MODEL 70 PROXIMITY PERFECT READER*, GRAY, DUAL-WIDTH ELECTRICAL BOX Engineering Bill No
 Build Qty: 1 Unit Cost: 62.87687 Labor: 0.2926 HR
 Alternate: Primary UOM: EA Revision: M Date 2002/02/0 12:11

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
	10	110079001	PCB ASSY, UNIVERSAL PROXIMITY	S	30.05167	EA	MAKE ITEM	1.00	1.00
	10	110079001-50	PCB ASSY, UNIVERSAL PROXIMITY, POSTWAVE	D	30.05167	EA	Phantom item	1.00	1.00
	10	110079001-40	PCB ASSY, UNIVERSAL PROXIMITY, HAND	C	19.42062	EA	Phantom item	1.00	1.00
4	10	110079001-10	PCB ASSY, UNIVERSAL PROXIMITY, SMT/DIP	YAB	17.51212	EA	Phantom item	1.00	1.00
5	20	71127013A	CAP, 1000PF, 50V, 5PCT, NPO, 1206 {210016102} C1, 4, 6, 9, 12, 13 <ECO#11356	A	.0456	EA	Purchased item	6.00	6.00
5	30	210016472	CAP, 4700PF, 50VDC, 5PCT, COG, SMT C2	H	.1539	EA	Purchased item	1.00	1.00
5	40	210030101	CAP, 100PF, 50VDC, 5PCT, COG, SMT, 0805 PKG C3		.01368	EA	Purchased item	0	1.00
5	50	71237013A	CAP, 0.1UF, 10PCT, 50V, X7R, 1206, (VIPER-HKY) { C5, 8, 11, 14, 18, 20, 26 <ECO#12637>	A	.02394	EA	CONSIGNMENT	7.00	7.00
5	60	180009001	CAP, 4.7UF, 20V, 20PCT, TANT, VIPER C7, 19, 21, 27		.2109	EA	CONSIGNMENT	4.00	4.00
5	70	71594015A	CAP, TAN, 33, 20V, 10PCT, D {210029001} {158-45 C10 <ECO#12507>	A	.3648	EA	Purchased item	1.00	1.00
5	80	136-805330	CAP, 33PF, 50V/J, NPO, CHIP, 0805, (VIPER-HKY) { ECO#14006	B	.01254	EA	CONSIGNMENT	2.00	2.00
5	90	230017022	DIODE, ZENER, SM, BZX84C*L, 18V, VIPER CR4, 6, 7-10, 13, 14 <ECO#12940 <ECO#12476	D	.0342	EA	CONSIGNMENT	8.00	8.00
	90	230046001	DIODE, CONTROLLED AVALANCHE RECTIFIER, 1A, S CR5	A	.0798	EA	CONSIGNMENT	1.00	1.00
	10	220038001	DIODE, RECT, SM, 600V, FAST REC CR11	B	.3078	EA	Purchased item	1.00	1.00
	20	230017016	DIODE, ZENER, SMT, BZX84C*L, 10V CR12	D	.03648	EA	Purchased item	1.00	1.00
	30	300300018	VOLTAGE SUPPRESSOR, TRANSIENT, SM, 18V E1	B	.2736	EA	Purchased item	1.00	1.00
	40	40037501	XSTR, 555OLT1, SMT, NPN, VIPER Q1, 2, 8	B	.0627	EA	CONSIGNMENT	3.00	3.00
	50	40046001	XSTR, BCP51-16, PNP, SM, VIPER Q3, 4	C	.1596	EA	CONSIGNMENT	2.00	2.00
5	160	240047001	XSTR, BCP54-16, NPN, SM (VIPER) Q5, 6	C	.1824	EA	CONSIGNMENT	2.00	2.00
5	1	73103080A	RES, 5.1K OHM, 1/10W, 5PCT, CER, T/F, 0805, (VIP R1, 5, 9, 11, 48 <ECO#11264	A	.00194	EA	CONSIGNMENT	5.00	5.00
5	180	73103077A	RES, 3.9K, 1/10W, 5PCT, CER, 0805, (VIPER-HKY) { R2, 42 <ECO#12637>	A	.00194	EA	CONSIGNMENT	2.00	2.00
5	190	128-805102	RES, 1K OHM, 1/10W, 5PCT, CHIP, SMT, 0805, (VIPE R3 <ECO#12637>	C	.00194	EA	CONSIGNMENT	1.00	1.00
5	200	73103111A	RES, 100K, 1/10W, 5 PCT, CER, 0805, {141010104} R4, 8, 18 <ECO#12637>		.00194	EA	Purchased item	3.00	3.00

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

Item: 430085001 MODEL 970 PROXIMITY PERFECT READER* GRAY, DUAL-WIDTH ELECTRICAL BOX Engineering Bill No
 Build Qty: Primary UOM: EA Revision: M Date 2002/02/

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
5	210	73103087A	RES,10K,1/10W,5PCT,SMT,0805,(VIPER-HKY){4 R6,15,16,21-23,29,30,34,44,45,54,55,59,60	A	00194	EA	CONSIGNMENT	5.00	5.00
5	220	141010622	RES,6.2K OHM,1/10W,5PCT,SMT,0805 PKG,(VIP R7	M	00194	EA	CONSIGNMENT	1.00	00
5	230	128-805562	RES,5.6K OHM,1/10W,5PCT,CHIP,0805,(VIPER- R10,13,17 <ECO#12507>	C	00194	EA	CONSIGNMENT	00	00
5	240	128-805105	RES,1M OHM,1/10W,5PCT,SMT,0805,(VIPER-HKY R12 35>ECO#12940<ECO#12476	C	00194	EA	CONSIGNMENT	2.00	2.00
5	250	73103055A	RES,470 1/10W,5PCT,CER,0805,(VIPER-HKY){1 R14,46,57,58 <ECO#12637>	A	00194	EA	CONSIGNMENT	4.00	4.00
5	260	73103070A	RES CER 1/10W 5PCT 2K 0805{1031002A}{1410 R50 <ECO#12637>	A	00194	EA	Purchased item	1.00	1.00
5	270	73172039A	RES,100,1/4W,5PCT,1210,SMT,(VIPER-HKY){14 R25-27,61,62>ECO#12940<ECO#12476	A	01197	EA	CONSIGNMENT	5.00	5.00
5	280	73103079A	RES 4.7K 5PCT 1/10W,0805 CER - VIPER {141 R33,36-41,43,56 <ECO#12637>	A	00194	EA	Purchased item	9.00	9.00
5	290	73103073A	RES,2.7K OHM,1/10W,5PCT,0805(VIPER-HKY) { R47	A	00194	EA	CONSIGNMENT	1.00	1.00
5	300	73103059A	RES 680 5PCT 1/10W SMT 0805 CER{1031007A} R49 <ECO#12637>	A	00194	EA	Purchased item	1.00	1.00
5	310	141025569	RES,5.6 OHM,1/4W,5PCT,1210,(VIPER-HKY) R52	E	01197	EA	CONSIGNMENT	1.00	1.00
5	320	141025829	RES,8.2 OHM,1/4W,5PCT,SMT,1210,(VIPER-HKY R53	E	01197	EA	CONSIGNMENT	1.00	1.00
5	330	113-324014	IC,LM324,QUAD-OP-AMP,SO-14{280050001} U1 <ECO#12507>	A	1482	EA	CONSIGNMENT	1.00	1.00
5	340	75310002A	IC,LM78L05,REGULATOR,5V.1A,S08-VIPER SMT U2<ECO#12180	A.1	188	EA	CONSIGNMENT	1.00	1.00
5	350	240045001	XSTR ARRAY,U1N2004A TUBE U3 <ECO#12507>	C	.2736	EA	Purchased item	00	1.00
5	360	580214015	FIRMWARE, UNIVERSAL, PROXIMITY READER U4	A	1.767	EA	MAKE ITEM	00	1.00
.610	280051001	IC,SM,ROM MICROCONTROLLER,87C51 TUBE		B	1.767	EA	Purchased item	00	1.00
620	1030464A	LBL,BLNK,.5 x .5 {120077001}		A	0	EA	Purchased item	00	1.00
5	370	280052001	IC,LTC1232,SM,MICROMONITOR T/R U6	D	2.337	EA	Purchased item	00	1.00
5	380	260018501	IC,SMT,74HC393 TUBE U7	C	.2451	EA	Purchased item	00	1.00
5	390	280043001	IC,DUAL FLOP,MC14013 TUBE U8	D	368	EA	Purchased item	1.00	1.00
5	400	240048001	CRYSTAL,12.000,SM,LOW PROFILE Y1	D	84	EA	Purchased item	1.00	1.00
5	410	240049001	XSTR,NPN,SMT,SN2222A,VIPER Q7	B	3192	EA	CONSIGNMENT	1.00	1.00
5	420	73103067A	RES 1.5K 5PCT 1/10W 0805 CER {141010152}	A	0194	EA	Purchased item	6.00	6.00

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

Item: 430085001 MODEL 970 PROXIMITY PERFECT READER* GRAY, DUAL-WIDTH ELECTRICAL BOX Engineering Bill: No
Build Qty: Primary UOM: EA Revision: M Date: 2002/02/0 12

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
			R19,20,24,28,31,32 <ECO#12637>						
5	440	1030677B	PCB ARRAY,100079001,PROXIMITY READER ECO#12476	B.1		EA	Reference item	0.00	0.00
5	450	190065006	CAP,100UF,25VDC,20PCT,ELT,SMT,(VIPER-HKY) C17>ECO#12940<ECO#12476	B	28	EA	CONSIGNMENT	1.00	1.00
5	460	100079001D	PCB,UNIVERSAL PROXIMITY[VIPER-HKY] ECO#12476		1.5846	EA	CONSIGNMENT	1.00	1.00
4	20	210031001	CAP,0.022UF,400V,10PCT,MTL POLY,VIPER C15	D	.1368	EA	CONSIGNMENT	1.00	1.00
4	30	210032001	CAP,100PF,630V,5PCT,FLM,(VIPER-HKY) C16	B	.13224	EA	CONSIGNMENT	1.00	1.00
4	50	230031001	DIODE,L.E.D.,2.5MMX5MM,RED,VIPER CR1	A	.0912	EA	CONSIGNMENT	1.00	1.00
4	60	230031003	DIODE,L.E.D.,2.5MMX5MM,YELLOW,VIPER CR2	A	.1254	EA	CONSIGNMENT	1.00	1.00
4	70	230031002	DIODE,L.E.D.,2.5MMX5MM,GREEN,VIPER CR3	A	.1254	EA	CONSIGNMENT	1.00	1.00
4	80	370091002	BUZZER,12V,(VIPER-HKY) H1	C.1	.6612	EA	CONSIGNMENT	1.00	1.00
4	100	280039001	REG,VOLTAGE,ADJ,LM317 TUBE,VIPER U5	E	.2166	EA	CONSIGNMENT	1.00	1.00
3	20	350079011	HEADER,UNSHD,0.1 CENTERS,11 POS,(VIPER-HK J1	E	.1539	EA	CONSIGNMENT	1.00	1.00
3	40	360026004	SW,DIP,4 POS,(VIPER-HKY) SW2,SW3	B	.513	EA	CONSIGNMENT	2.00	2.00
3	50	400037501	TAPE,FOAM,DBL .30 IN. X .30 IN.,(VIPER-H	A	.02508	EA	Purchased item	6.00	6.00
3	60	120458001	LBL,PCB BARCODE,1.5 X .25,AMBER (VIPER-HK ECO#12476	A	.087609	EA	Purchased item	1.00	1.00
3	70	490079001	DWG,SCHEM,UNIVERSAL PROXIMITY	D		EA	Reference item	0.00	0.00
1	20	520207001	MOUNTING KIT,MOD 94X/97X READERS	E	10.57698	EA	MAKE ITEM	1.00	1.00
2	20	32044055A	RES,470,1/2W,5PCT,CF,VCD,(VIPER-HKY){1400 ECO#11882	A	.006783	EA	CONSIGNMENT	2.00	2.00
2	30	400040001	TAPE,FOAM,DBL COATED POLYURETHANE	B	.0353514	EA	Purchased item	1.00	1.00
2	40	380452001	PKG,BAG,POLY,2 IN. X 3 IN.(VIPER-HKY) ECO#12862		.00969	EA	Purchased item	1.00	1.00
2	50	380025612B	SCR,#6-32X.75LG,PAN,PHIL,SS ECO#B4695	B	0	EA	Purchased item	4.00	4.00
2	60	320098004	PROXIMITY PERFECT READER CABLE, 15FT. ECO#12890	C.2	10.5183	EA	MAKE ITEM	1.00	1.00
	10	350081011	HOUSING,SINGLE ROW,.100,11 POS[VIPER HKY]	D	.20178	EA	CONSIGNMENT	1.00	1.00
	20	350082003	CONTACT, FEM, 20-24AWG, HI INS[VIPER HKY]	C	.026562	EA	Purchased item	0.00	10.00

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

Item: 430085001
Build Qty:

MODEL 70 PROXIMITY PERFECT READER*, GRAY
Primary

DUAL-WIDTH ELECTRICAL BOX
UOM: EA Revision:

Engineering Bill
Date

No
2002/02,

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Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
	30	350082501	CONTACT, KEYING PLUG[VIPER HKY]	C	.08208	EA	Purchased item	1.00	1.00
	40	310048010	CBL, MULTICON, 22AWG, 10 COND, (VIPER-HKY	A	.160227	FT	CONSIGNMENT	5.00	5.00
	50	1033750A	LBL,SHRINK	A	.5301	EA	Purchased item	1.00	1.00
	60	67606008A	CABLE TIE, .1Wx15L,NYLON	A	.032946	EA	Purchased item	2.00	2.00
	30	470419001F	READER HOUSING,MODEL 97X PROX.RDR. ECO#B4666/B4659	F	2.907	EA	Purchased item	1.00	1.00
	40	120265001D	LBL,LEXAN,MOD.970 PROX.READER ECO#B4666/B4659	D	1.7898	EA	Purchased item	1.00	1.00
	50	380101604	SCR,BUTTON,SECURITY	E	0	EA	Purchased item	1.00	1.00
	60	470420503B	BACK PLATE ASSY,MODEL 97X READER ECO#B4666/B4659	B	2.907	EA	Purchased item	1.00	1.00
	70	120054001	LBL,MODEL/PN/SN		.171	EA	Purchased item	1.00	1.00
	80	380473001	SCR,#4,1/4 IN.,PAN,SELF-TAPPING	A	0	EA	Purchased item	1.00	1.00
	10	210017FSV	CAP,630V,2.5PCT,POLYPROP,FACTORY SELECTED			EA	Reference item	1.00	1.00
	20	400039001	GASKET,FOAM,MODEL 97X READER	A	9348	EA	Purchased item	1.00	1.00
	40	120404001	LBL,CE	A	09348	EA	Purchased item	1.00	1.00
	150	60400026B	PKG,BAG,NYLON,BUBBLE,6 1/2 X 8 1/2,A/S,(V	B	1360248	EA	CONSIGNMENT	1.00	1.00
	160	1031634A	PKG,BAG,POLY,10 INX 12 INX.004,VIPER	A	0571482	EA	CONSIGNMENT	1.00	1.00
	170	1031324A	LBL,430085001,INDV,IN-HOUSE GENERATED REV SUFF REQ>ECO#11107	A.1		EA	Purchased item	1.00	1.00
	180	CB4046	CARTON, 17 7/8 X 13 3/4 X 9 3/4	A	1.19928	EA	Purchased item	0.04	0.04
	190	1032456A	LBL,MASTER,430085001,IN HOUSE GENERATED CO#12052	A		EA	Purchased item	0.04	0.04
	200	460157001J	INST.GUIDE, MOD 94X/97X PROX(VIPER-HKY) ECO#12476		3306	EA	CONSIGNMENT	1.00	1.00
	210	290035002J	ANTENNA, UNIVERSAL PROXIMITY READER, DUAL ECO#13435	F	1.5846	EA	Purchased item	1.00	1.00
	220	1035172A	PKG,INSRT,CARDBOARD,CASI READERS ECO#13389	B	.5415	EA	Purchased item	0.04	0.04