

Item Selection: Specific
Build Quantity: 1
Item: 430090001
Alternate Selection: Specific
Alternate:
Revision: D
Date: 2002/02/01 12:11:35
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: 430090001 MODEL 50 PROXIMITY PERFECT MULLION MOUNT READER*, GRAY, 20 FT. CABL Engineering Bill No
Build Qty: 1 Unit Cost: 157.39432 Labor: 0.0885 HR
Alternate: Primary UOM: EA Revision: D Date 2002/02/0 12:11

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
1	10	450214001	WALL MOUNT ASSY,PROX INTERFACE	H	116.99393	EA	MAKE ITEM	1.00	1.00
2	10	470429011F	ENCLOSURE, WALL MOUNT, PROX INTERFACE ECO#13272-2	F.1	24.7722	EA	Purchased item	1.00	1.00
2	20	110086501	PCB ASSEMBLY, PROX INTERFACE	C.2	78.60877	EA	MAKE ITEM	1.00	1.00
	10	110086101	PROXIMITY INTRFCE PCB W/CONN.	A	43.58304	EA	MAKE ITEM	1.00	1.00
4	10	110086001	PCA PROXIMITY INTERFACE	G	20.83564	EA	MAKE ITEM	1.00	1.00
	0	110086001-50	PCA,PROX INTERFACE,POSTWAVE	C	20.83564	EA	Phantom item	1.00	1.00
610		110086001-40	PCA,PROX INTERFACE,HAND	F	17.35672	EA	Phantom item	1.00	1.00
.10		100086001	PCB,PROXIMITY INTERFACE, (VIPER-HKY)		5.0844	EA	CONSIGNMENT	1.00	1.00
.20		32034039A	RES,100 OHM,1/4W,5PCT,CF,VCD, (VIPER-HKY) { R4,7,10 <ECO#11244>	A.2	.00319	EA	CONSIGNMENT	3.00	3.00
.30		32034063A	RES,1K,1/4W,5PCT,CF, (VIPER-HKY) R14<ECO#11234-2	A.2	.00319	EA	CONSIGNMENT	1.00	1.00
.40		32034067A	RES,1.5K OHM,1/4W,5PCT,CF,VCD, (VIPER -HKY R1 <ECO#11249>	A.2	.00319	EA	CONSIGNMENT	1.00	1.00
.50		32034087A	RES,10K,1/4W,5PCT,CF, (VIPER-HKY) R2,3,5,6,8,9,11-13 <ECO#11259-1>	A.2	.00319	EA	CONSIGNMENT	9.00	9.00
.60		220004001	DIODE,1N4148 D5	D	.011856	EA	Purchased item	1.00	1.00
.70		220039082	DIODE,ZENER,500MW,8.2V D7	B	.0376202249	EA	Purchased item	1.00	1.00
.80		220039180	DIODE,ZENER,500MW,18V D2-4,D6	B	.041496	EA	Purchased item	4.00	4.00
.90		230016001	LED, SS, HIGH INTENSITY, RED D1	C	.0684	EA	Purchased item	1.00	1.00
.100		240001001	XSTR,2N3906,PNP Q1-Q5	B	.0399	EA	Purchased item	5.00	5.00
.110		350059008	HEADER,SHROUDED,VERTICAL,8 PIN, (VIPER-HKY TB2,3	D.1	1.1286	EA	CONSIGNMENT	2.00	2.00
.120		350059014	HEADER,SHROUDED,VERTICAL,14 POS, (VIPER-HK TB1	D.1	1.995	EA	CONSIGNMENT	1.00	1.00
620		350089011	CONN,PCB,.100 CENTER,11 POS J1	A	.52212	EA	Purchased item	1.00	1.00
630		380479106	STANDOFF,PCB,FLARE,KFB3,.188 IN., REPLENI	B	0	EA	Purchased item	1.00	1.00
4	20	350055008	PLUG,45 DEG,8 POS, (VIPER-HKY)	B	3.2832	EA	CONSIGNMENT	2.00	2.00
4	30	350055014	PLUG,45 DEG,14 POS, (VIPER-HKY)		5.8938	EA	CONSIGNMENT	1.00	1.00

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

Item: 430090001 MODEL 950 PROXIMITY PERFECT MULLION MOUNT READER*, GRAY, 20 FT. CABL Engineering Bill No
 Build Qty: Primary UOM: EA Revision: Date 2002/02/0 12:11

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
	20	1007900	CB ASSY, UNIVERSAL PROXIMITY		0516	EA	MAKE ITEM	1.00	1.00
	10	110079001-50	CB ASSY, UNIVERSAL PROXIMITY, POSTWAVE	D	30.0516	EA	Phantom item	1.00	1.00
5	10	110079001-40	PCB ASSY, UNIVERSAL PROXIMITY, HAND		19.42062	EA	Phantom item	1.00	1.00
	610	110079001-10	PCB ASSY, UNIVERSAL PROXIMITY, SMT/DIP	YAB	17.5121	EA	Phantom item	1.00	1.00
	.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
	.30	210016472	CAP, 4700PF, 50VDC, 5PCT, COG, SMT C2	H	1539	EA	Purchased item	1.00	1.00
	.40	210030101	CAP, 100PF, 50VDC, 5PCT, COG, SMT, 0805 PKG C3	C	01368	EA	Purchased item	1.00	1.00
	.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
	.60	180009001	CAP, 4.7UF, 20V, 20PCT, TANT, VIPER C7, 19, 21, 27	C	2109	EA	CONSIGNMENT	4.00	4.00
	.70	71594015A	CAP, TAN, 33, 20V, 10PCT, D {210029001} {158-45 C10 <ECO#12507>	A	3648	EA	Purchased item	1.00	1.00
	.80	136-805330	CAP, 33PF, 50V/J, NPO, CHIP, 0805, (VIPER-HKY) { ECO#14006	B	01254	EA	CONSIGNMENT	2.00	2.00
	.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
	.100	230046001	DIODE, CONTROLLED AVALANCHE RECTIFIER, 1A, S CR5	A	0798	EA	CONSIGNMENT	1.00	1.00
	.110	220038001	DIODE, RECT, SM, 600V, FAST REC CR11	B	3078	EA	Purchased item	1.00	1.00
	.120	230017016	DIODE, ZENER, SMT, BZX84C*L, 10V CR12	D	03648	EA	Purchased item	1.00	1.00
	.130	300300018	VOLTAGE SUPPRESSOR, TRANSIENT, SM, 18V E1	B	2736	EA	Purchased item	1.00	1.00
	.140	240037501	XSTR, 555OLT1, SMT, NPN, VIPER Q1, 2, 8	B	0627	EA	CONSIGNMENT	3.00	3.00
	.150	240046001	XSTR, BCP51-16, PNP, SM, VIPER Q3, 4	C	1596	EA	CONSIGNMENT	2.00	2.00
	.160	240047001	XSTR, BCP54-16, NPN, SM (VIPER) Q5, 6	C	1824	EA	CONSIGNMENT	2.00	2.00
	.170	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
	.180	73103077A	RES, 3.9K, 1/10W, 5PCT, CER, 0805, (VIPER-HKY) { R2, 42 <ECO#12637>	A	00194	EA	CONSIGNMENT	2.00	2.00
	.190	128-805102	RES, 1K OHM, 1/10W, 5PCT, CHIP, SMT, 0805, (VIPE R3 <ECO#12637>		00194	EA	CONSIGNMENT	1.00	1.00
	.200	73103111A	RES, 100K, 1/10W, 5 PCT, CER, 0805, {141010104} R4, 8, 18 <ECO#12637>	A	00194	EA	Purchased item	3.00	3.00
	.210	73103087A	RES, 10K, 1/10W, 5PCT, SMT, 0805, (VIPER-HKY) {4	A	00194	EA	CONSIGNMENT	15 0	5.00

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Item: 430090001 MODEL 950 PROXIMITY PERFECT MULLION MOUNT READER* GRAY, 20 FT. CABL Engineering Bill: No
 Build Qty: Primary UOM: EA Revision: D Date: 2002/02/0 12:11

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Quantity	Extended Quantity
...	220	141010622	R6,15,16,21-23,29,30,34,44,45,54,55,59,60 RES,6.2K OHM,1/10W,5PCT,SMT,0805 PKG,(VIP M		.00194	EA	CONSIGNMENT	1.00	1.00
...	230	128-805562	R7 RES,5.6K OHM,1/10W,5PCT,CHIP,0805,(VIPER- C		.00194	EA	CONSIGNMENT	3.00	3.00
...	240	128-805105	R10,13,17 <ECO#12507> RES,1M OHM,1/10W,5PCT,SMT,0805,(VIPER-HKY C		.00194	EA	CONSIGNMENT	2.00	2.00
...	250	73103055A	R12 35>ECO#12940<ECO#12476 RES,470 1/10W,5PCT,CER,0805,(VIPER-HKY){1 A		.00194	EA	CONSIGNMENT	4.00	4.00
...	260	73103070A	R14,46,57,58 <ECO#12637> RES CER 1/10W 5PCT 2K 0805{1031002A}{1410 A		.00194	EA	Purchased item	1.00	1.00
...	270	73172039A	R50 <ECO#12637> RES,100,1/4W,5PCT,1210,SMT,(VIPER-HKY){14 A		.01197	EA	CONSIGNMENT	5.00	5.00
...	280	73103079A	R25-27,61,62>ECO#12940<ECO#12476 RES 4.7K 5PCT 1/10W,0805 CER - VIPER {141 A		.00194	EA	Purchased item	9.00	9.00
...	290	73103073A	R33,36-41,43,56 <ECO#12637> RES,2.7K OHM,1/10W,5PCT,0805(VIPER-HKY) { A		.00194	EA	CONSIGNMENT	1.00	1.00
...	300	73103059A	R47 RES 680 5PCT 1/10W SMT 0805 CER{1031007A} A		.00194	EA	Purchased item	1.00	1.00
...	310	141025569	R49 <ECO#12637> RES,5.6 OHM,1/4W,5PCT,1210,(VIPER-HKY) E		.01197	EA	CONSIGNMENT	1.00	1.00
...	320	141025829	R52 RES,8.2 OHM,1/4W,5PCT,SMT,1210,(VIPER-HKY E		.01197	EA	CONSIGNMENT	1.00	1.00
...	330	113-324014	R53 IC,LM324,QUAD-OP-AMP,SO-14{280050001} TUB A		.1482	EA	CONSIGNMENT	1.00	1.00
...	340	75310002A	U1 <ECO#12507> IC,LM78L05,REGULATOR,5V.1A,S08-VIPER SMT A.1		.1881	EA	CONSIGNMENT	1.00	1.00
...	350	240045001	U2<ECO#12180 XSTR ARRAY,U1N2004A TUBE C		.2736	EA	Purchased item	1.00	1.00
...	360	580214015	U3 <ECO#12507> FIRMWARE, UNIVERSAL, PROXIMITY READER A		1.767	EA	MAKE ITEM	1.00	1.00
...	10	280051001	U4 IC,SM,ROM MICROCONTROLLER,87C51 TUBE B		1.767	EA	Purchased item	1.00	1.00
...	20	1030464A	LBL,BLNK,.5 x .5 {120077001} A		0	EA	Purchased item	1.00	1.00
...	370	280052001	IC,LTC1232,SM,MICROMONITOR T/R D		2.337	EA	Purchased item	1.00	1.00
...	380	260018501	U6 IC,SMT,74HC393 TUBE C		.2451	EA	Purchased item	1.00	1.00
...	390	280043001	U7 IC,DUAL FLOP,MC14013 TUBE D		.1368	EA	Purchased item	1.00	1.00
...	400	240048001	U8 CRYSTAL,12.000,SM,LOW PROFILE D		.684	EA	Purchased item	1.00	1.00
...	410	240049001	Y1 XSTR,NPN,SMT,SN2222A,VIPER B		.03192	EA	CONSIGNMENT	1.00	1.00
...	420	73103067A	Q7 RES 1.5K 5PCT 1/10W 0805 CER {141010152} A		.00194	EA	Purchased item	6.00	

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 Explosion Quantity: 1.00

Item: 430090001 MODEL 50 PROXIMITY PERFECT MULLION MOUNT READER*, GRAY, 20 FT. CABL Engineering Bill No
 Build Qty: Primary UOM: EA Revision: D Date 2002/02/0 1

Components

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			R19,20,24,28,31,32 <ECO#12637>						
	.440	1030677B	PCB ARRAY,100079001,PROXIMITY READER ECO#12476	B.1		EA	Reference item	0.00	0.00
	.450	190065006	CAP,100UF,25VDC,20PCT,ELT,SMT,(VIPER-HKY) C17>ECO#12940<ECO#12476	B	.228	EA	CONSIGNMENT	1.00	1.00
	.460	100079001D	PCB,UNIVERSAL PROXIMITY[VIPER-HKY] ECO#12476	D	1.5846	EA	CONSIGNMENT	1.00	1.00
	620	210031001	CAP,0.022UF,400V,10PCT,MTL POLY,VIPER C15	D	.1368	EA	CONSIGNMENT	1.00	1.00
	630	210032001	CAP,100PF,630V,5PCT,FLM,(VIPER-HKY) C16	B	.13224	EA	CONSIGNMENT	1.00	1.00
	650	230031001	DIODE,L.E.D.,2.5MMX5MM,RED,VIPER CR1	A	0912	EA	CONSIGNMENT	1.00	1.00
	660	230031003	DIODE,L.E.D.,2.5MMX5MM,YELLOW,VIPER CR2	A	1254	EA	CONSIGNMENT	1.00	1.00
	670	230031002	DIODE,L.E.D.,2.5MMX5MM,GREEN,VIPER CR3	A	1254	EA	CONSIGNMENT	1.00	1.00
	680	370091002	BUZZER,12V,(VIPER-HKY) H1	C.1	6612	EA	CONSIGNMENT	1.00	1.00
	6100	280039001	REG,VOLTAGE,ADJ,LM317 TUBE,VIPER U5	E	2166	EA	CONSIGNMENT	1.00	1.00
5	20	350079011	HEADER,UNSHD,0.1 CENTERS,11 POS,(VIPER-HK J1	E	1539	EA	CONSIGNMENT	1.00	1.00
5	40	360026004	SW,DIP,4 POS,(VIPER-HKY) SW2,SW3	B	513	EA	CONSIGNMENT	2.00	2.00
5	50	400037501	TAPE,FOAM,DBL, .30 IN. X .30 IN.,(VIPER-H	A	02508	EA	Purchased item	6.00	6.00
5	60	120458001	LBL,PCB BARCODE,1.5 X .25,AMBER (VIPER-HK ECO#12476	A	087609	EA	Purchased item	1.00	1.00
5	70	490079001	DWG,SCHEM,UNIVERSAL PROXIMITY	D		EA	Reference item	0.00	0.00
	30	171-000200	WIRE,BUSS,22AWG,NON INSUL,T/R,VCD,(VIPER-	B	003762	EA	CONSIGNMENT	0.21	0.21
3	40	HDF-A0440PP025	SCR,MACH,4-40 X 1/4,PH,PHIL{380025404}	A		EA	Purchased item	1.00	1.00
2	50	120458001	LBL,PCB BARCODE,1.5 X .25,AMBER (VIPER-HK	A	.087609	EA	Purchased item	1.00	1.00
	30	360027001	SWITCH,TAMPER,REC PLUNGER,SPST	B	3.306	EA	Purchased item	1.00	1.00
2	40	380463606	SCREW, P.H., W/INT WASH, 6-32 X .38	A		EA	Purchased item	4.00	4.00
2	50	65512015A	NUT W/LKWSHR, 6-32 X 5/16 REPLENISH	A		EA	Purchased item	4.00	4.00
	60	380449114	HW,STNDOFF,M/F,6-32 X 7/8,SS,(REPL-HKY)	B		EA	Purchased item	00	4.00
	80	120290001	LBL,PROXIMITY INTERFACE BOX	A	249	EA	Purchased item	00	1.00

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Build Qty: Primary UOM: EA Revision: Date 2002/02/0 1

Components

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2	90	120404001	LBL,CE	A	.09348	EA	Purchased item	1.00	00
	100	400036012	SHIPPING CONTAINER,MOD 950/960 ECO#12204	A	1.0602	EA	Purchased item	1.00	1.00
2	120	120054001	LBL,MODEL/PN/SN ECO#12204	L	.171	EA	Purchased item	1.00	1.00
2	130	460158001H	LIT,INSTALLATION GUIDE,MODEL950/960 PROXI ECO#13272	H	.6954	EA	Purchased item	1.00	1.00
2	140	1031888A	PKG,BUBBLE WRAP ECO#13265	A	.3111744	EA	Purchased item	3.00	3.00
2	150	120599001	LBL,CASI-RUSCO LOGO,MICROLITE ECO#13272	A	.0463296	EA	Purchased item	2.00	2.00
2	160	HDF-B0832EPP05	HW,SCR,8-32 X 1/2 EXT SEMS PH PHIL, MPQ=1 ECO#13272	A	0	EA	Purchased item	2.00	2.00
	20	430090501	SECOND READ HEAD FOR MODEL 950 READER, GR	I.1	36.47443	EA	MAKE ITEM	1.00	1.00
	10	110085001	PCB ASSY,MOD 950,PRX READ HEAD	G	24.06296	EA	MAKE ITEM	1.00	1.00
	10	110085001-50	CKA,MOD 950,PRX READ HEAD,POSTWAVE	D	24.06296	EA	Phantom item	1.00	1.00
4	10	110085001-40	CKA,MOD 950,PRX READ HEAD,HAND	D	10.85032	EA	Phantom item	1.00	1.00
	5 20	230028501	DIODE, LED, GREEN D4	A	.1653	EA	Purchased item	1.00	1.00
	5 30	230028503	DIODE, LED, YELLOW D3	A	.1425	EA	Purchased item	1.00	1.00
	5 50	110085001-10	CKA,MOD 950,PRX READ HEAD,SMT	A.1	3.05042	EA	Phantom item	1.00	1.00
	.610	1032692A	DWG,PANEL,PCB ARRAY,100085001B	A		EA	Reference item	0.00	0.00
	.620	100085001C	PCB,PROXIMITY READ HEAD	C	1.8582	EA	Purchased item	1.00	1.00
	.630	1032642A	CAP,1500PF,1000V,5PCT,X7R,SMT,1812 C1	A	.8778	EA	Purchased item	1.00	1.00
	.640	73131067A	RES,1.5K,5PCT,1/8W,1206,CER -VIPER SMT R2,R3	A4	.00331	EA	CONSIGNMENT	2.00	2.00
	.650	220038001	DIODE,RECT,SM,600V,FAST REC D1	B	.3078	EA	Purchased item	1.00	1.00
4	50	290037001D	ANTENNA, PROXIMITY READ HEAD ECO#13311>REV DRAWING WITH LEAD INDICATION AND NOTES AS PER MARKED-UP COPIES, @ SUPPLIER REQUEST.	D	1.2312	EA	Purchased item	1.00	1.00
4	60	20404001	LBL,CE	A	.09348	EA	Purchased item	1.00	1.00
4	70	370031001	TUBING, HEAT SHRINK, 3/8 IN. ECO#12019	A	.3135	FT	Purchased item	0.10	0.10

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Item: 430090001 MODEL 950 PROXIMITY PERFECT MULLION MOUNT READER* GRAY, 20 FT. CABL Engineering Bill
 Build Qty: Primary UOM: EA Revision: D Date No
 2002/02/0 12:1

Components

Level	Item Seq	Item	Description/Comments	Rev	Unit Cost	UOM	User Item type	Qu ntity	Extended Quantity
4	80	320104001B	CABLE ASSEMBLY, PROX READ HEAD 20FT LONG	B	8.8122	EA	Purchased item	1.00	1.00
4	90	120458001	LBL,PCB BARCODE,1.5 X .25,AMBER (VIPER-HK	A	.087609	EA	Purchased item	1.00	1.00
4	100	490085001	SCHEMATIC,PROXIMITY READ HEAD	C		EA	Reference item	0.00	00
2	20	470427001	RDR HOUSING,MODEL 950,MULLION	D	2.337	EA	Purchased item	1.00	1.00
2	30	470442001	BACKPLATE, MULLION READER	B	1.995	EA	Purchased item	1.00	1.00
	40	400036013	SHIPPING CONTAINER,MOD 950/960	A	2.451	EA	Purchased item	1.00	1.00
	50	120275001B	LBL,MODEL 950/960 READER	0	1.311	EA	Purchased item	1.00	1.00
4	60	380452001	PKG,BAG,POLY,2 IN. X 3 IN.(VIPER-HKY)	A	.00969	EA	Purchased item	1.00	1.00
2	80	380104612	SCREW,PH,SPANNER,SM,#6 X 3/4 IN.,REPLENIS	A	0	EA	Purchased item	2.00	2.00
2	100	380508404	SCR,TAPPING,C/R,PH,#4X.25 LG,(REPL-HKY){3	A	0	EA	Purchased item	1.00	1.00
2	110	380496003	ECO#11991 WASHER NEOPRENE	A	19152	EA	Purchased item	1.00	1.00
2	120	41230001C	DIODE,IN4004A,1 AMP,400PIV,VCD,(VIPER-HKY		01938	EA	CONSIGNMENT	1.00	1.00
	130	460504001B	LIT,INSTALLATION,MODEL 950/960 READ HEAD	B	0456	EA	Purchased item	1.00	1.00
	140	120404001	ECO#13266 LBL,CE	A	09348	EA	Purchased item	1.00	1.00
30	1031889A	PKG,BOX,12 X 9 X 5	ECO#13336	A.1	5187	EA	Purchased item	00	1.00
	1032880A	LBL,430090001,4X2,IN-HOUSE GENERATED	ECO#12204	A		EA	Purchased item	00	1.00

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