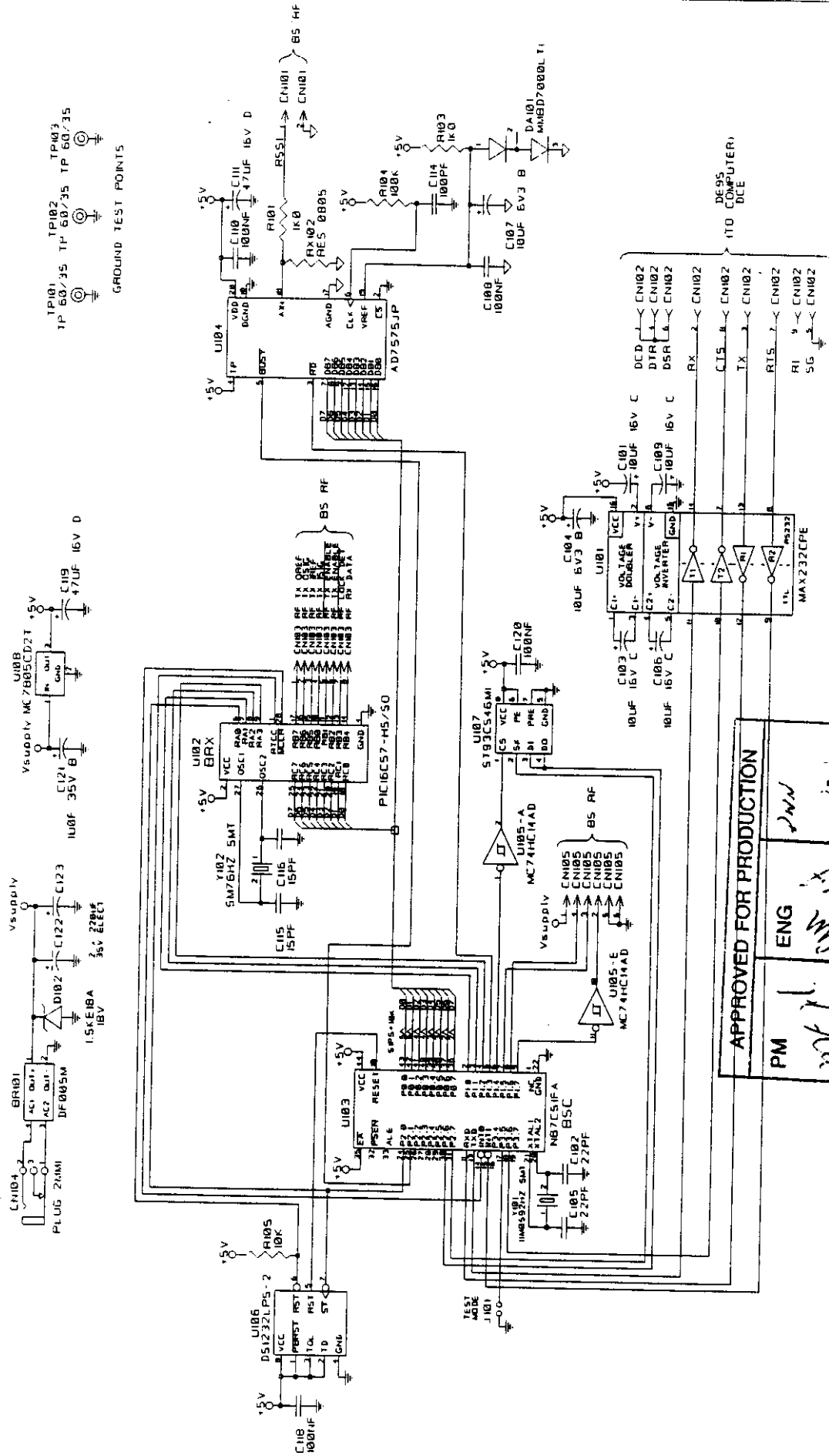
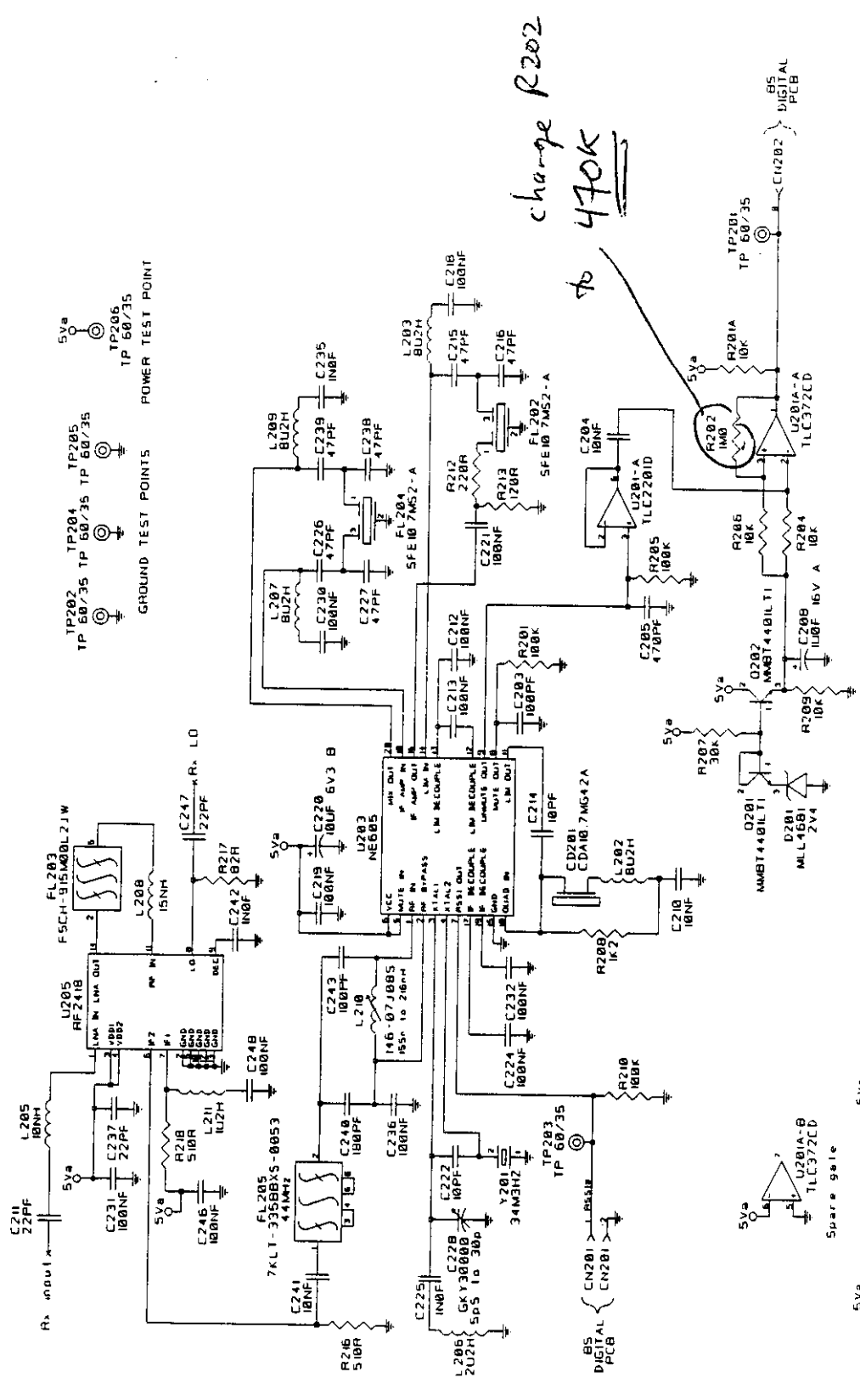


BASE STATION



Pegasus Electronic Design, Inc.	
Title: Base Station, Digital	
Size: 100	Drawn: 69114011 Rev A
Date: Sept 19, 1997	Sheet 1 of 1



APPROVED FOR PRODUCTION

PM	ENG	DRN
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93114004A2 ELEX ASSY,BASE STATION PANEL,REVA,VER2

Group PFC Commodity CL Planner Buyer Drawing Rev LT
ELEX 114 ASSY A VER2 A 0

Shrinkage Factor: 0.000000

IN-HOUSE LABOUR,FREIGHT & GST NOT THIS PANEL HAVE 2 SECTIONS: LOGIC
INCLUDED IN THE ASSEMBLY COST. (69114011A) & RF (69114010A).
ONLY RAW MATERIAL COST IS LISTED. - FOR 1/4 WAVE ANTENNA (AN201) SEE
IF ANY MACHINING REQUIRED, SEE CAD/ ASSEMBLY NUMBER 94114001.
MECHANICAL DRAWING FOR DETAIL. - N87C51FA (U103) & PIC16C57-HS/SO
(U102) NEED TO BE PROGRAMMED.

ITEM	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
11111010TR	29	*1	CAP,SMT,NPO,10PF,50V,0805 ,J,4K/REEL			Yes	2.000000 C214,222	0.0300	0.0600
11111015TR	43	*1	CAP,SMT,NPO,15PF,50V,0805 ,J,4K/REEL			Yes	2.000000 C115,116	0.0300	0.0600
11111022TR	69	*1	CAP,SMT,NPO,22PF,50V,0805 ,J,4K/REEL			Yes	5.000000 C102,105,207,209,211,	0.0300	0.1500
11111022TR	70	*1	CAP,SMT,NPO,22PF,50V,0805 ,J,4K/REEL			Yes	5.000000 C217,234,237,247,251,	0.0300	0.1500
11111022TR	71	*1	CAP,SMT,NPO,22PF,50V,0805 ,J,4K/REEL			Yes	2.000000 C252,261,	0.0300	0.0600
11111047TR	91	*1	CAP,SMT,NPO,47PF,50V,0805 ,J,4K/REEL			Yes	4.000000 C215,216,226,227,	0.0300	0.1200
11111047TR	92	*1	CAP,SMT,NPO,47PF,50V,0805 ,J,4K/REEL			Yes	2.000000 C238,239,	0.0300	0.0600
1111110TR	16	*1	CAP,SMT,NPO,100PF,50V,080 5,J,4K/REEL			Yes	5.000000 C114,202,203,223,243,	0.0300	0.1500
11111110TR	17	*1	CAP,SMT,NPO,100PF,50V,080 5,J,4K/REEL			Yes	5.000000 C233,245,249,255,258,	0.0300	0.1500
11111118TR	47	*1	CAP,SMT,NPO,180PF,50V,080 5,J,4K/REEL			Yes	1.000000 C240	0.0300	0.0300
11111147TR	89	*1	CAP,SMT,NPO,470PF,50V,080 5,J,4K/REEL			Yes	1.000000 C205	0.0300	0.0300
11711210TR	55	*1	CAP,SMT,X7R,1000PF,50V,08 05,K,4K/REEL			Yes	3.000000 C225,235,242	0.0300	0.0900
11711310TR	24	*1	CAP,SMT,X7R,0.01UF,50V,08 05,K,4K/REEL			Yes	5.000000 C204,210,241,244,263,	0.0300	0.1500
11711310TR	25	*1	CAP,SMT,X7R,0.01UF,50V,08 05,K,4K/REEL			Yes	1.000000 C264,	0.0300	0.0300
11711339TR	85	*1	CAP,SMT,X7R,0.039UF,50V,0 805,K,4K/REEL			Yes	1.000000 C259	0.0270	0.0270
11911410TR	10	*1	CAP,SMT,25U,0.1UF,50V,080 5,M,3K/REEL			Yes	5.000000 C108,110,112,113,117,	0.0400	0.2000
11911410TR	11	*1	CAP,SMT,25U,0.1UF,50V,080 5,M,3K/REEL			Yes	4.000000 C118,120,206,206A,	0.0400	0.1600
11911410TR	12	*1	CAP,SMT,25U,0.1UF,50V,080 5,M,3K/REEL			Yes	5.000000 C212,213,218,219,221,	0.0400	0.2000

ITEM	ELEX ASSY, BASE STATION PANEL, REVA, VER2	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
93114004A2										
11911410TR		13	*1	CAP, SMT, 25U, 0.1UF, 50V, 0805, 3K/REEL			Yes	7.000000	0.0400	0.2800
11911410TR		14	*1	CAP, SMT, 25U, 0.1UF, 50V, 0805, 3K/REEL			Yes	2.000000	0.0400	0.0800
11931418TR		45	*1	CAP, SMT, 25U, 0.18UF, 50V, 1206, 4K/REEL			Yes	1.000000	0.0499	0.0499
15225610TR		33	*1	CAP, TAN, SMT, 10UF, 6.3V, "B", 10%, 2K/REEL			Yes	3.000000	0.6500	1.9500
15244510TR		57	*1	CAP, TAN, SMT, 1UF, 16V, "A", 10%, 2K/REEL			Yes	1.000000	0.4500	0.4500
15246610TR		31	*1	CAP, TAN, SMT, 10UF, 16V, "C", 10%, 500/REEL			Yes	5.000000	0.3990	1.9950
15247647TR		94	*1	CAP, TAN, SMT, 47UF, 16V, "D", 10%, 500/REEL			Yes	3.000000	0.5530	1.6590
15275510TR		59	*1	CAP, TAN, SMT, 1UF, 35V, "B", 10%, 2K/REEL			Yes	2.000000	0.2700	0.5400
16261722		65	*1	CAP, ELECT, 220UF, 35V, 0.2", 10%			Yes	2.000000	0.3500	0.7000
19033066		136	*1	CAP, VAR, N1200, 6-30PF, SMT, GKY30066, SPRAGUE-G, 1K/TR			Yes	2.000000	0.7500	1.5000
21130024TR		73	*1	RES, SMT, 24R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130027TR		75	*1	RES, SMT, 27R, 5%, 0805, 5K/REEL			Yes	2.000000	0.0100	0.0200
21130039TR		87	*1	RES, SMT, 39R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130056TR		98	*1	RES, SMT, 56R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130075TR		104	*1	RES, SMT, 75R, 5%, 0805, 5K/REEL			Yes	2.000000	0.0100	0.0200
21130082TR		108	*1	RES, SMT, 82R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130112TR		37	*1	RES, SMT, 120R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130122TR		63	*1	RES, SMT, 220R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130151TR		96	*1	RES, SMT, 510R, 5%, 0805, 5K/REEL			Yes	2.000000	0.0100	0.0200
21130168TR		102	*1	RES, SMT, 680R, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130210TR		49	*1	RES, SMT, 1K, 5%, 0805, 5K/REEL			Yes	3.000000	0.0100	0.0300
21130212TR		51	*1	RES, SMT, 1K2, 5%, 0805, 5K/REEL			Yes	1.000000	0.0100	0.0100
21130310TR		19	*1	RES, SMT, 10K, 5%, 0805, 5K/REEL			Yes	4.000000	0.0100	0.0400
21130310TR		20	*1	RES, SMT, 10K, 5%, 0805, 5K/REEL			Yes	5.000000	0.0100	0.0500
21130330TR		79	*1	RES, SMT, 30K, 5%, 0805, 5K/REEL			Yes	1.000000	0.0090	0.0090

STANDARD COSTS

ITEM	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
93114004A2			ELEX ASSY BASE STATION PANEL, REVA, VER2						
21130333TR	81	*1	RES,SMT,33K,5%,0805,5K/RE EL	Yes			1.000000 R228	0.0100	0.0100
21130410TR	7	*1	RES,SMT,100K,5%,0805,5K/R	Yes			5.000000	0.0100	0.0500
21130410TR	8	*1	EEL	Yes			R104,201,205,210,215, 1.000000	0.0100	0.0100
21130510TR	53	*1	RES,SMT,1M,5%,0805,5K/REE L	Yes			R229, 1.000000	0.0100	0.0100
26131310	176	*1	RES,SIP,10K,5RES,1 COMMON	Yes			R202 2.000000	0.2600	0.5200
31120005M	120	*1	DIODE,BRIDGE,DF005M,DIP,5 OVRRM,1A,50/RAIL	Yes			RP101,102 1.000000	0.3400	0.3400
31147000T1	154	*1	DIODE,ARRAY,MMD7000LT1,(5C),PLAST,SOT23,3K/REEL	Yes			BR101 1.000000	0.1200	0.1200
31226277A	5	*1	DIODE,TVS,1.5KE18A,(1H627 7A),PWR PLAST,18V,5%	Yes			DA101 1.000000	0.6300	0.6300
31344681TR	152	*1	DIODE,ZENER,2V4,CLL4681TR CENTRAL,SOD80,2.5K/REEL	Yes			D102 1.000000	0.0800	0.0800
32124401T1	156	*1	XTR,NPN,MMDT4401LT1,(2X), SOT23,3K/REEL	Yes			D201 2.000000	0.1000	0.2000
32124403T1	158	*1	XTR,PNP,MMDT4403LT1,(2T), SOT23,3K/REEL	Yes			Q201,202 2.000000	0.1000	0.2000
33320001ESM	126	*1	IC,ERA-1SM,IND,SMT,MINI-C CTS,MWIC,1K/REEL	Yes			Q203,204 1.000000	1.6660	1.6660
33510372D	182	*1	IC,TLC372CD,COM,SO,TI,DUA L DIFF COMPARTOR,98/RAIL	Yes			U204 1.000000	0.7700	0.7700
33612201D	180	*1	IC,ILC2201CD,COM,SO,TI,LO W NOISE OP-AMP,75/RAIL	Yes			U201A 1.000000	3.5500	3.5500
34021232LS2	124	*1	IC,DS1232LPS-2,IND,SO,DAL LAS UMONTOR,97/RAIL	Yes			U201 1.000000	2.2200	2.2200
34420014S	148	*1	IC,MC74HC14AD,IND,SO,HEX INVERTER,55/RAIL	Yes			U106 1.000000	0.2400	0.2400
353110300S	178	*1	IC,ST93CS46M1,COM,SO,SGS, 128X8 EEPROM,98/RAIL	Yes			U105 1.000000	0.5500	0.5500
360221501	144	*1	IC,LNX1501AM,IND,SO,1.1GH Z F SYNTHESIZER,48/RAIL	Yes			U107 1.000000	4.7200	4.7200
360610232	146	*1	IC,MAX232CPE,COM,DIP,5V R S232 DX & RX	Yes			U210 1.000000	2.4500	2.4500
360717575P	112	*1	IC,AD7575JP,COM,PLCC,A/D CONVERTER,49/RAIL	Yes			U101 1.000000	7.3500	7.3500
360922402	170	*1	IC,RF2402,IND,SO,RFMD,UHF QUADRATURE MODULATOR	Yes			U104 1.000000	9.3380	9.3380
361020605S	164	*1	IC,SA6050,IND,SO,PHILIPS, LOWPWR MIXER FM IF,38/RAI	Yes			U206 1.000000	6.7900	6.7900
361022418	172	*1	IC,RF2418,IND,SO,RFMD,LOW CURRENT LNA/MIXER	Yes			U203 1.000000	9.5340	9.5340
3713100576	100	*1	XTAL,5.7600MHZ,HC49SD,COM ,PARALLEL,1K/REEL	Yes			U205 1.000000	1.0500	1.0500
3724201105	35	*1	XTAL,11.0592MHZ,FPX115,FO X,COM,SERIES,1K/REEL	Yes			Y102 1.000000	1.6500	1.6500

Pegasus Electronic Design Inc.
COSTED BOM WITH LABOR AND PROCESS
STANDARD COSTSINMASS/MRP
BRP02

ITEM	ELEX ASSY, BASE STATION PANEL, REVA, VER2	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
93114004A2										
3731101000		22	*1	XTAL, 10.00MHZ, HC49U, 18PF, CUSTOM, 0-50C, +/-10PPM			Yes	1.000000 Y202	0.4760	0.4760
3731103430		83	*1	XTAL, 34.30MHZ, HC49U, 12PF, CUSTOM, 0-50C, +/-25PPM			Yes	1.000000 Y201	0.4480	0.4480
379958301		184	*1	VCO, V583ME01, Z-COMM, SMD, 9.02-928MHZ, 0-4VDC			Yes	1.000000 U207	20.9300	20.9300
38112105		150	*1	REG, VOLT, MC7805CD2T, COM, +5V, D2PAK, 50/RAIL			Yes	2.000000 U108, 209	1.4200	2.8400
392354051A		162	*1	MCU, N87C51FA, OTP, COM, PLCC, CMOS, 12MHZ			Yes	1.000000 Y103; NEED PROGRAMMING	13.5700	13.5700
392556057H		166	*1	MCU, PIC16C57-NS/SO, OTP, IN D, SO, CMOS, 27/RAIL			Yes	1.000000 U102; NEED PROGRAMMING	6.4600	6.4600
51402416		161	*1	SOCKET, 16PIN, TIN/GOLD			Yes	1.000000 FOR U101	1.2450	1.2450
51504444		160	*1	SOCKET, 44PLCC, TIN/TIN, SMT			Yes	1.000000 FOR U103	1.1900	1.1900
53041155		168	*1	CONN, 2.1MM, JACK, DC, 31-155 -0, MODE, PC MOUNT			Yes	1.000000 CN104	0.4500	0.4500
53211509S		118	*1	CONN, DE09S, R/A, 0.318", PC MT			Yes	1.000000 CN102	0.7800	0.7800
572110140		130	*1	HEADER, FEMALE, 1X40, STR, 0.1", 929974-01-40, 3M			Yes	0.050000 CN201; 1X2 STRIP	2.9500	0.1475
572110140		132	*1	HEADER, FEMALE, 1X40, STR, 0.1", 929974-01-40, 3M			Yes	0.200000 CN202; 1X8 STRIP	2.9500	0.5900
572110140		134	*1	HEADER, FEMALE, 1X40, STR, 0.1", 929974-01-40, 3M			Yes	0.150000 CN203; 1X6 STRIP	2.9500	0.4425
573114070		138	*1	HEADER, 1X40, STR, 0.1", 4070 -SH-40, REGAL			Yes	0.050000 CN101; 1X2 STRIP	0.2500	0.0125
573114070		140	*1	HEADER, 1X40, STR, 0.1", 4070 -SH-40, REGAL			Yes	0.200000 CN103; 1X8 STRIP	0.2500	0.0500
573114070		142	*1	HEADER, 1X40, STR, 0.1", 4070 -SH-40, REGAL			Yes	0.150000 CN105; 1X6 STRIP	0.2500	0.0375
62324607S		39	*1	IND, VAR, 0.245UH, 146-07J08 S, COILCRAFT, 7 1/2T, VIOLET			Yes	1.000000 L210	3.6400	3.6400
62344310TR		27	*1	IND, RF, 0.010UH, 1210, 20%, 500/REEL			Yes	1.000000 L205	0.6600	0.6600
62344315TR		41	*1	IND, RF, 0.015UH, 1210, 20%, 500/REEL			Yes	1.000000 L208	0.6600	0.6600
62344322TR		67	*1	IND, RF, 0.022UH, 1210, 20%, 500/REEL			Yes	1.000000 L204	0.6600	0.6600
62344512TR		61	*1	IND, RF, 102H, 1210, 10%, 2K/R EEL			Yes	1.000000 L211	0.4480	0.4480
62344522TR		77	*1	IND, RF, 202H, 1210, 10%, 2K/R EEL			Yes	1.000000 L206	0.3500	0.3500
62344582TR		110	*1	IND, RF, 802H, 1210, 10%, 2K/R EEL			Yes	4.000000 L202, 203, 207, 209	0.4480	1.7920
69114004A		1	*1	PCB, BASE STATION PANEL, 4 TEAM RF SYSTEM, REVA			Yes	1.000000	151.2500	151.2500
821512573		114	*1	RF, SW, AS125-73, ALPHA, SMT, SPDT, REFLECTIVE, 3K/REEL			Yes	2.000000 U202, 208	2.5340	5.0680

Pegasus Electronic Design Inc.
COSTED BOM WITH LABOR AND PROCESS
STANDARD COSTS

INMAS/MP
BRP02

ITEM	SEQ #	LEVEL	ELEX ASSY, BASE STATION PANEL, REVA, VER2	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
840250260	122	*1		FILTER, BP, DFC2R915P026BHD, MURATA, 2POLE, SMD			Yes	1.000000 FL201	3.5280	3.5280
84161072S	174	*1		FILTER, FM, SFE10.7MS2-A, MU RATA, CERAMIC, LOW LOSS			Yes	2.000000 FL202, 204	0.4340	0.8680
84320053	106	*1		FILTER, BP, 7KLT 3358BXS-00 53, TOKO, 44MHZ, TRIPLE TUNE			Yes	1.000000 FL205	10.1461	10.1461
84525002	128	*1		FILTER, BP, F5CH-915M00-L2J W, FUJITSU, SMD, SAW			Yes	1.000000 FL203	3.2200	3.2200
88800742MG	116	*1		DIS, CERAMIC, CDA10.7MG42-A, MURATA, SA605 DEPENDENT			Yes	1.000000 CD201	0.0000	0.0000
94114001	3	*1		ANT ASSY, 1/4WAVE MONOPOLE, 4TEAM RF SYS, REV0, VER0			Yes	1.000000 AN201; 1/4WAVE ANTENNA	1.9661	1.9661

TOTAL COST LISTED 299.3231
TOTAL MATERIAL COST 299.3231
TOTAL LABOR COST 0.0000
TOTAL PROCESS COST 0.0000