

931140078

ELEX ASSY, TARGET PANEL, 4 TEAM RF SYSTEM, REV8
Group PFC Commodity CL Planner Buyer DrawingRev LT
0

Shrinkage Factor: 0.000000

IN-HOUSE LABOUR, FREIGHT & GST NOT
INCLUDED IN THE ASSEMBLY COST.
ONLY RAW MATERIAL COST IS LISTED.
IF ANY MACHINING REQUIRED, SEE CAD/
MECHANICAL DRAWING FOR DETAIL.THIS PANEL HAVE 3 SECTIONS: LOGIC
(69114012B), RF (69114013A), AND
DISPLAY (69114014B).
- FOR 1/4 WAVE ANTENNA (ANZ201) SEE
ASSEMBLY NUMBER 94114001.
- NB7C51FA (U111) & PIC16C57-HS/SO
(U107, U108) NEED TO BE PROGRAMMED.

ITEM	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
11111010TR	33	*1	CAP, SMT, NPO, 10PF, 50V, 0805			Yes	3.000000	0.0300	0.0900
			J, 4K/REEL				C214, 222, 309A		
			CAP, SMT, NPO, 15PF, 50V, 0805			Yes	4.000000	0.0300	0.1200
11111015TR	53	*1	J, 4K/REEL				C117-120		
			CAP, SMT, NPO, 22PF, 50V, 0805			Yes	5.000000	0.0300	0.1500
11111022TR	84	*1	J, 4K/REEL				C110, 111, 206, 208, 211,		
			CAP, SMT, NPO, 22PF, 50V, 0805			Yes	5.000000	0.0300	0.1500
			J, 4K/REEL				C217, 234, 237, 247, 251,		
11111022TR	85	*1	J, 4K/REEL			Yes	2.000000	0.0300	0.0600
			CAP, SMT, NPO, 22PF, 50V, 0805				C252, 260,		
11111022TR	86	*1	J, 4K/REEL			Yes	4.000000	0.0300	0.1200
			CAP, SMT, NPO, 47PF, 50V, 0805				C215, 216, 226, 227,		
11111047TR	122	*1	J, 4K/REEL			Yes	2.000000	0.0300	0.0600
			CAP, SMT, NPO, 47PF, 50V, 0805				C238, 239,		
11111047TR	123	*1	J, 4K/REEL			Yes	5.000000	0.0300	0.1500
			CAP, SMT, NPO, 100PF, 50V, 080			Yes	C202, 203, 223, 233, 243,		
11111110TR	17	*1	J, 4K/REEL			Yes	5.000000	0.0300	0.1500
			CAP, SMT, NPO, 100PF, 50V, 080				C245, 249, 254, 257, 307,		
11111110TR	18	*1	J, 4K/REEL			Yes	1.000000	0.0300	0.0300
			CAP, SMT, NPO, 180PF, 50V, 080				C240		
11111118TR	57	*1	J, 4K/REEL			Yes	1.000000	0.0300	0.0300
			CAP, SMT, NPO, 470PF, 50V, 080				C205		
11111147TR	118	*1	J, 4K/REEL			Yes	5.000000	0.0300	0.1500
			CAP, SMT, X7R, 1000PF, 50V, 08			Yes	C225, 235, 242, 313, 315		
11711210TR	66	*1	J, 4K/REEL			Yes	1.000000	0.0300	0.0300
			CAP, SMT, X7R, 1200PF, 50V, 08				C304		
11711212TR	68	*1	J, 4K/REEL			Yes	5.000000	0.0300	0.1500
			CAP, SMT, X7R, 0.01UF, 50V, 08				C204, 209, 341, 244, 261,		
11711310TR	28	*1	J, 4K/REEL			Yes	3.000000	0.0300	0.0900
			CAP, SMT, X7R, 0.01UF, 50V, 08				C262, 309, 311,		
11711310TR	29	*1	J, 4K/REEL			Yes	1.000000	0.0270	0.0270
			CAP, SMT, X7R, 0.03UF, 50V, 0				C305		
11711333TR	103	*1	J, 4K/REEL			Yes	1.000000	0.0270	0.0270
			CAP, SMT, X7R, 0.03UF, 50V, 0				C258		
11711339TR	109	*1	J, 4K/REEL			Yes	4.000000	0.0400	0.1600
			CAP, SMT, 25U, 0.1UF, 50V, 080				C100, 101, 103, 105,		
1191410TR	10	*1	J, 4K/REEL			Yes			

931140078	ELEX ASSY, TARGET	PANEL 4 TEAM RF SYSTEM, REVB	BEG DATE	END DATE	MLI	QUANTITY	UNIT COST	EXTENDED COST
ITEM	SEQ #	LEVEL	DESCRIPTION					
119114101R	11	*1	CAP, SMT, 25U, 0.1UF, 50V, .080	Yes	8.000000	0.0400	0.3200	
119114101R	12	*1	5, M, 3K/REEL	Yes	C107-109, 112-116,	0.0400	0.2000	
119114101R	13	*1	CAP, SMT, 25U, 0.1UF, 50V, .080	Yes	C121-123, 207, 207A,	0.0400	0.2000	
119114101R	14	*1	5, M, 3K/REEL	Yes	C212, 213, 218, 219, 221,	0.0400	0.2800	
119114101R	15	*1	CAP, SMT, 25U, 0.1UF, 50V, .080	Yes	C224, 229-232, 236, 246,	0.0400	0.2000	
119114101R	55	*1	5, M, 3K/REEL	Yes	C248, 256, 303, 306, 312,	0.0499	0.0499	
119114101R	76	*1	CAP, SMT, 25U, 0.18UF, 50V, .12	Yes	C259	0.1600	0.1600	
119114221R	76	*1	06, M, 4K/REEL	Yes	C302	0.6500	0.6500	
152256101R	39	*1	CAP, TAN, SMT, 10UF, 6.3V, "B"	Yes	C220	0.8500	1.7000	
152276471R	127	*1	10X, 2K/REEL	Yes	C308, 310	0.4500	1.8000	
152445101R	70	*1	CAP, TAN, SMT, 1UF, 16V, "A", 1	Yes	C210, 301, 314, 316	0.3990	0.3990	
152466101R	37	*1	0X, 2K/REEL	Yes	C253	0.5530	2.2120	
152476471R	125	*1	CAP, TAN, SMT, 10UF, 16V, "C",	Yes	C104, 106, 124, 125	0.2700	0.5400	
152755101R	72	*1	CAP, TAN, SMT, 47UF, 16V, "D",	Yes	C128, 129	0.3500	0.7000	
16261722	80	*1	CAP, TAN, SMT, 1UF, 35V, "B", 1	Yes	C126, 127	0.7500	1.5000	
19033066	178	*1	0X, 2K/REEL	Yes	C228, 255	0.0100	0.0100	
211300001R	3	*1	CAP, ELECT, 220UF, 35V, 0.2",	Yes	R118	0.0100	0.0100	
211300101R	35	*1	CAP, VAR, M1200, 6-30PF, SMT,	Yes	R327	0.0100	0.0100	
211300241R	88	*1	GKY30066, SPRAGUE-G, 1K/TR	Yes	R214	0.0100	0.0400	
211300271R	90	*1	RES, SMT, 0R, 5X, .0805, 5K/REE	Yes	R221, 222, 331, 331A,	0.0100	0.0100	
211300271R	91	*1	RES, SMT, 27R, 5X, .0805, 5K/RE	Yes	R331B	0.0100	0.0100	
211300391R	111	*1	EL	Yes	R227	0.0100	0.0100	
211300561R	134	*1	RES, SMT, 39R, 5X, .0805, 5K/RE	Yes	R225	0.0100	0.0200	
211300751R	143	*1	EL	Yes	R219, 224	0.0100	0.0100	
211300821R	147	*1	RES, SMT, 75R, 5X, .0805, 5K/RE	Yes	R217	0.0100	0.0100	
211301101R	20	*1	EL	Yes	R352	0.0100	0.0100	
			RES, SMT, 100R, 5X, .0805, 5K/R					
			EEL					

ITEM	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
211301121R	43	*1	RES, SMT, 120R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R213		
211301221R	78	*1	RES, SMT, 220R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R212		
211301391R	107	*1	RES, SMT, 390R, 5%, 0805, 5K/R			Yes	10.000000	0.0100	0.1000
			EEL				R316-320, 322-326		
211301511R	129	*1	RES, SMT, 510R, 5%, 0805, 5K/R			Yes	2.000000	0.0100	0.0200
			EEL				R216, 218		
211301561R	131	*1	RES, SMT, 560R, 5%, 0805, 5K/R			Yes	5.000000	0.0100	0.0500
			EEL				R302, 307, 312, 337, 342,		
211301561R	132	*1	RES, SMT, 560R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R347.		
211301681R	138	*1	RES, SMT, 680R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R226		
211301751R	140	*1	RES, SMT, 750R, 5%, 0805, 5K/R			Yes	5.000000	0.0100	0.0500
			EEL				R303, 308, 313, 338, 343		
211301751R	141	*1	RES, SMT, 750R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R348.		
211301911R	151	*1	RES, SMT, 910R, 5%, 0805, 5K/R			Yes	5.000000	0.0100	0.0500
			EEL				R304, 309, 314, 339, 344,		
211301911R	152	*1	RES, SMT, 910R, 5%, 0805, 5K/R			Yes	1.000000	0.0100	0.0100
			EEL				R349.		
211302101R	59	*1	RES, SMT, 1K, 5%, 0805, 5K/REE			Yes	5.000000	0.0100	0.0500
			EEL				R101, 102, 105, 106, 116,		
211302101R	60	*1	RES, SMT, 1K, 5%, 0805, 5K/REE			Yes	1.000000	0.0100	0.0100
			EEL				R223.		
211302121R	62	*1	RES, SMT, 1K2, 5%, 0805, 5K/RE			Yes	1.000000	0.0100	0.0100
			EEL				R207		
211302221R	93	*1	RES, SMT, 2K2, 5%, 0805, 5K/RE			Yes	5.000000	0.0150	0.0750
			EEL				R305, 310, 315, 335, 340,		
211302221R	95	*1	RES, SMT, 2K2, 5%, 0805, 5K/RE			Yes	2.000000	0.0150	0.0300
			EEL				R345, 350.		
211302331R	113	*1	RES, SMT, 3K3, 5%, 0805, 5K/RE			Yes	1.000000	0.0100	0.0100
			EEL				R334.		
211302331R	115	*1	RES, SMT, 3K3, 5%, 0805, 5K/RE			Yes	5.000000	0.0100	0.0500
			EEL				R301, 306, 311, 336, 341,		
211302331R	116	*1	RES, SMT, 3K3, 5%, 0805, 5K/RE			Yes	1.000000	0.0100	0.0100
			EEL				R346		
211303101R	22	*1	RES, SMT, 10K, 5%, 0805, 5K/RE			Yes	4.000000	0.0100	0.0400
			EEL				R111, 117, 201A, 203,		
211303101R	23	*1	RES, SMT, 10K, 5%, 0805, 5K/RE			Yes	5.000000	0.0100	0.0500
			EEL				R204, 206, 209, 211, 220,		
211303101R	24	*1	RES, SMT, 10K, 5%, 0805, 5K/RE			Yes	5.000000	0.0100	0.0500
			EEL				R230, 328, 329, 333, 351.		
211303301R	99	*1	RES, SMT, 30K, 5%, 0805, 5K/RE			Yes	2.000000	0.0090	0.0180
			EEL				R110, 208		
211303331R	101	*1	RES, SMT, 33K, 5%, 0805, 5K/RE			Yes	2.000000	0.0100	0.0200
			EEL				R228, 332		
211303471R	120	*1	RES, SMT, 47K, 5%, 0805, 5K/RE			Yes	4.000000	0.0100	0.0400
			EEL				R103, 104, 107, 108		

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ITEM	SEQ #	LEVEL	DESCRIPTION					
34420014S	194	*1	IC, MC74HC14AD, 1ND, SO, HEX INVERTER, 55/RAIL	Yes	1.000000	0.2400	0.2400	
34420086S	198	*1	IC, MC74HC86AD, 1ND, SO, QUAD 2 I/P OR GATE, 55/RAIL	Yes	U112 1.000000	0.3700	0.3700	
34420273S	196	*1	IC, MC74HC273ADU, 1ND, SO, OC TAL D F-F, 38/RAIL	Yes	U102 2.000000	0.4800	0.9600	
353110300S	337	*1	IC, ST93CS46M1, COM, SO, SGS, 128X8 EEPROM, 98/RAIL	Yes	U109, 110 1.000000	0.5500	0.5500	
360221501	190	*1	IC, LMX1501AM, 1ND, SO, 1.1GH Z F SYNTHESIZER, 48/RAIL	Yes	U114 1.000000	4.7200	4.7200	
360922402	324	*1	IC, RF2402, 1ND, SO, RFMD, UHF QUADRATURE MODULATOR	Yes	U209 1.000000	9.3380	9.3380	
361020605S	315	*1	IC, SA605D, 1ND, SO, PHILIPS, LOMPLR MIXER FM IF, 38/RAI	Yes	U206 1.000000	6.7900	6.7900	
361022418	236	*1	IC, RF2418, 1ND, SO, RFMD, LOW CURRENT LNA/MIXER	Yes	U203 1.000000	9.5340	9.5340	
361111020G	186	*1	IC, 1SD1020AG, COM, SO, 20SEC VOICE RECORD/PLAYBACK	Yes	U205 1.000000	0.0000	0.0000	
3724201105	41	*1	XTAL, 11.0592MHZ, FPX115, FO X, COM, SERIES, 1K/REEL	Yes	U101 1.000000	1.6500	1.6500	
3731100576	136	*1	XTAL, 5.760MHZ, HC49U, 18PF, CUSTOM, 0.50C, +/-100PPM	Yes	Y101 2.000000	12.7000	25.4000	
3731101000	26	*1	XTAL, 10.00MHZ, HC49U, 18PF, CUSTOM, 0.50C, +/-10PPM	Yes	Y102, 103 1.000000	0.4760	0.4760	
3731103430	105	*1	XTAL, 34.30MHZ, HC49U, 12PF, CUSTOM, 0.50C, +/-25PPM	Yes	Y202 1.000000	0.4480	0.4480	
379958301	347	*1	VCO, V583ME01, Z-COMM, SMD, 9 02-928MHZ, 0.4VDC	Yes	Y201 1.000000	20.9300	20.9300	
38112105	200	*1	REG, VOL1, MC7805CD2T, COM, + 5V, 02PAK, 50/RAIL	Yes	U207 2.000000	1.4200	2.8400	
392354051	312	*1	MCU, N87C51, OTP, COM, PLCC, C MOS, 1681T, 12MHZ	Yes	U115, 116 1.000000	9.4000	9.4000	
392356057H	319	*1	MCU, PIC16C57-HS/SO, OTP, IN D, SO, CMOS, 27/RAIL	Yes	U111; NEED PROGRAMMING 1.000000	6.4600	6.4600	
392556057H	320	*1	MCU, PIC16C57-HS/SO, OTP, IN D, SO, CMOS, 27/RAIL	Yes	U107; NEED PROGRAMMING 1.000000	6.4600	6.4600	
51504444	313	*1	SOCKET, 44PLCC, 11N/11N, SMT	Yes	U108; NEED PROGRAMMING 1.000000	1.1900	1.1900	
53041155	322	*1	CONN, 2.1MM, JACK, DC, 31-155 -0, MODE, PC MOUNT	Yes	FOR U111 1.000000	0.4500	0.4500	
572110140	172	*1	HEADER, FEMALE, 1X40, STR, 0. 1", 929974-01-40, 3M	Yes	CN105 0.150000	2.9500	0.4425	
572110140	174	*1	HEADER, FEMALE, 1X40, STR, 0. 1", 929974-01-40, 3M	Yes	CN202; 1X6 STRIP 0.200000	2.9500	0.5900	
573114070	180	*1	HEADER, 1X40, STR, 0.1", 4070 -SH-40, REGAL	Yes	CN201; 1X8 STRIP 0.200000	0.2500	0.0500	
573114070	182	*1	HEADER, 1X40, STR, 0.1", 4070 -SH-40, REGAL	Yes	CN103; 1X8 STRIP 0.150000	0.2500	0.0375	
573124170	184	*1	HEADER, 2X40, STR, 0.1", 4070 -S2-80, REGAL, W/O LOOKING	Yes	CN104; 1X6 STRIP 0.850000	0.6400	0.5440	
					CN101, 301; 2 2X17 STRP			

ITEM	SEQ #	LEVEL	DESCRIPTION	BEG DATE	END DATE	MLT	QUANTITY	UNIT COST	EXTENDED COST
931140078			ELEX ASSY, TARGET PANEL, 4 TEAM RF SYSTEM, REV B						
573132031	349	*1	HEADER-L, 1X3, STR, 0.1", 22-23-2031, MOLEX, W/ LOCKING STRIP, TERM, 1X3, M8BVA2.5/3-G-5-.08, PHOENIX, VERT, PC	Yes			1.000000	0.2300	0.2300
577315749	351	*1	STRIP, TERM, 1X4, M8BVA2.5/4-G-5-.08, PHOENIX, VERT, PC	Yes			1.000000	0.6500	0.6500
577315752	353	*1	STRIP, TERM, 1X4, M8BVA2.5/4-G-5-.08, PHOENIX, VERT, PC	Yes			6.000000	0.8700	5.2200
577317293	354	*1	STRIP, TERM, 1X3, FRONT-MST2.5/3-ST-5.08, PHOENIX	Yes			1.000000	4.2400	4.2400
577317303	356	*1	STRIP, TERM, 1X4, FRONT-MST8.5/4-ST-5.08, PHOENIX	Yes			6.000000	5.6000	33.6000
623211002	45	*1	IND, VAR, 3M3H, 7PA, 126ANS-11002, TOKO	Yes			1.000000	3.2500	3.2500
623246075	47	*1	IND, VAR, 0.245UH, 146-07408 S, COLLICRAFT, 7 1/2T, VIOLET	Yes			1.000000	0.6600	0.6600
623443101R	31	*1	IND, RF, 0.0100UH, 1210, 20X, 500/REEL	Yes			1.000000	0.6600	0.6600
623443151R	51	*1	IND, RF, 0.015UH, 1210, 20X, 500/REEL	Yes			1.000000	0.6600	0.6600
623443221R	82	*1	IND, RF, 0.022UH, 1210, 20X, 500/REEL	Yes			1.000000	0.6600	0.6600
623445121R	74	*1	IND, RF, 102UH, 1210, 10X, 2K/R EEL	Yes			1.000000	0.4480	0.4480
623445221R	97	*1	IND, RF, 202UH, 1210, 10X, 2K/R EEL	Yes			1.000000	0.3500	0.3500
623445821R	149	*1	IND, RF, 802UH, 1210, 10X, 2K/R EEL	Yes			4.000000	0.4480	1.7920
67401012	176	*1	RELAY, SPST, 12V, G6C-2114P-US-DC12, OMRON, PCMT	Yes			1.000000	3.5000	3.5000
691140078	1	*1	PCB, TARGET PANEL, 4 TEAM RF SYSTEM, REV B	Yes			1.000000	177.6530	177.6530
821512573	154	*1	RF, SM, AS125-73, ALPHA, SMT, SPOT, REFLECTIVE, 3K/REEL	Yes			2.000000	2.5340	5.0680
840250260	162	*1	FILTER, BP, DFC2R915P026BHD, MURATA, 2POLE, SMD	Yes			1.000000	3.5280	3.5280
841610725	328	*1	FILTER, FM, SFE10.7MS2-A, MU RATA, CERAMIC, LOW LOSS	Yes			2.000000	0.4340	0.8680
84320053	145	*1	FILTER, BP, TKLT 335BHX-0053, TOKO, 44MHZ, TRIPLE TUNE	Yes			1.000000	10.1461	10.1461
84525002	170	*1	FILTER, BP, FSCB-915M00-L2J W, FUJITSU, SMD, SAW	Yes			1.000000	3.2200	3.2200
88800742MG	158	*1	DIS, CERAMIC, CDA10.7MG42-A, MURATA, SAG05 DEPENDENT	Yes			1.000000	0.0000	0.0000
94114001	339	*1	ANT ASSY, 1/4 WAVE MONOPOL E, 4 TEAM RF SYSTEM	Yes			1.000000	1.9661	1.9661
			ANTENNA						

INM/ASS/MP
BRP02

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

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ITEM	ELEM ASST, TARGET SEQ # LEVEL	PANEL, 4 TEAM RF SYSTEM, REVB DESCRIPTION	BEG DATE	END DATE	MLI	QUANTITY	UNIT COST	EXTENDED COST

931140078								

TOTAL COST LISTED							447.7721	
TOTAL MATERIAL COST							447.7721	
TOTAL LABOR COST							0.0000	
TOTAL PROCESS COST							0.0000	