

PARTS LIST COVER SHEET		YOUR COMPANY NAME AND ADDRESS				PL XXXXX		REV 1			
						SHEET 1 OF 6					
TITLE YOUR BOARD NAME					CODE IDENT XXXX		PROGRAM PROJECT				
LTR	DESCRIPTION			DATE	APPD	LTR	DESCRIPTION			DATE	APPD
1 2	REL TO ENG PER ECO 030-238 REVISED PER ECO 030-243			01/17/2000 01/19/2000	WS WC						
CONTRACT NO.											
ORIG	S. SMITH	12/14/1999									
CHK	R. JONES	01/17/2000									
APPD	R. DOE	01/17/2000	NEXT ASSY	USED ON							
REL	W. HALL	01/17/2000									

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TITLE YOUR BOARD NAME					SHEET 2 OF 6	
					CODE IDENT XXXX	PROGRAM PROJECT
FIND NO	REF DES	QTY	SUPPLIER CODE IDENT	PART OR IDENT NUMBER	PART DESCRIPTION	MFR
1	N/A	1	XXXX	XXXXX	PWB, YOUR BOARD NAME	
2	U1,3,10,11,17,18,22, 23,28,29,35,36,47	13	27014	54ACT244DMQB	INTEGRATED CIRCUIT, CMOS, LINE DRIVER, OCTAL-BUFFER, 3-STATE OSCILLATOR, 4.00MHZ, 14 PIN DIP	NSC
3	U2	1	0VUE0	CO1100-4.00MHZ		RAL
4	U4	1	05YC5	OR2C06A-3T144I	IC, FPGA (TQFP-144)	LCT
5	U6-9,12-16,19-21,24- 27,30-34,37-39	24	98734	HCPL-263A	IC, HCMOS COMPATIBLE OPTOCOUPLER	HPA
6	U41,40	2	14749	5E50A	IC, AC/DC, LINEAR REGULATORS +5V, 500MA	ACO
7	U42	1	14749	15E15D-15E15D	IC, AC/DC, +/-15V, 150MA	ACO
8	U43	1	14749	8E15D-8E15D	IC, AC/DC, +/-8V, 150MA	ACO
9	U44-46,48-52	8	1FN41	AT17C128-PC	IC, SERIAL EEPROM	ATM
10	U53	1	01295	SN74HCT138N	IC, 3 TO 8 DECODER	TIX
11	NOT USED					
12	NOT USED					
13	C1-9,11-16,18-46,53- 62	59	81349	CDR33BX104AKUR	CAPACITOR, CER CHIP, .1UF, 50V, +/-10% PER MIL-PRF-55681/9	QPL

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14	C17,47,48,51,52	5	81349	CWR06HH106KR	CAPACITOR, TANT CHIP, 10 UF, 15V, +/-10% PER MIL-C-55365/4	QPL
15	C49,50	2	81349	CWR06KH106KR	CAPACITOR, TANTALUM, 10UF, 25V, +/-10% PER MIL-C-55365/4	QPL
16	NOT USED					
17	NOT USED					
18	R1-11,13-17,72-80, 143-147	30	81349	D55342K07B10E0R	RESISTOR, F.F. CHIP, 10K, 1/4W, +/-1% PER MIL-PRF-55342/7	QPL
19	R12	1	81349	D55342K07B147DR	RESISTOR, F.F. CHIP, 147 OHMS, 1/4W, +/-1% PER MIL-PRF-55342/7	QPL
20	R18-21,26-29,34-38,41, 42,45,46,49,52,53,56- 58,60-63,68,69,81-84, 89-92,97-101,104,105, 108,109,111,112,115, 116,118,120,121,123- 126,131,132	60	81349	D55342K07B1E00R	RESISTOR, F.F. CHIP, 1K, 1/4W, +/-1% PER MIL-PRF-55342/7	QPL
21	R22-25,30-33,39,40,43, 44,47,50,51,54,55,59, 64-67,70,71,85-88,93- 96,102,103,106,107, 110,113,114,117,119, 122,127-130,133,134	48	81349	D55342K07B750DR	RESISTOR, CER CHIP, 750 OHMS, 250MW, +/-1% (1206) PER MIL-PRF-55342/7	QPL

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22	R135	1	81349	D55342K07B200DR	RESISTOR, F.F. CHIP, 200 OHMS, 1/4W +/-1% (1206) PER MIL-PRF-55342/7	QPL
23	R136,137	2	81349	M55342K07BXXXXR	RESISTOR, F.F. CHIP, TRIM, 1/4W, +/-1% PER MIL-PRF-55342/7	QPL
24	R138-142	5	56845	WSC-1-0.1	RESISTOR, POWER, 0.1 OHM, 1W	DEI
25	NOT USED					
26	NOT USED					
27	J1,3	2	10400	RM222-50-211-5500	CONNECTOR, RECEPTACLE, STRAIGHT, 50 PIN, 2 ROW	ABN
28	J2	1	00779	174339-5	CONNECTOR, 68 PIN PWB	AMP
29	J4,5	2	76381	2550-6005EB	HEADER, 50 PIN, LOW PROFILE STRAIGHT	MMM
30	J6,7	2	00779	1-103321-8	HEADER, 18 PIN , BREAKAWAY, SINGLE ROW	AMP
31	N/A	1	72619	608-3131-110	LED PWB MOUNTED	DLC
32	D1	1	72619	550-2405	LED, PWB MOUNTED, GREEN	DLC
33	N/A	5	81483	1N1202A	DIODE, RECTIFIER, 200V	IRC
34	N/A	11	05276	2269-0	JACK, DUAL BANANA	POM

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FIND NO	REF DES	QTY	SUPPLIER CODE IDENT	PART OR IDENT NUMBER	PART DESCRIPTION		MFR
35	N/A	21	54659	ST1-1F1MZB	SWITCH, SPDT		APM
36	N/A	2	54659	ST1-5F1MZB	SWITCH, MONETARY		APM
37	F1	1		TBDFUSE	FUSE		
38	SW1	1	54659	9233YCD	SWITCH, SPST, MOMENTARY, PC MOUNT		APM
39	NOT USED						
40	N/A	32	00779	2-640463-1	SOCKET, 8 PIN DIP		AMP
41	N/A	13	00779	2-641602-1	SOCKET, 20 PIN		AMP
42	N/A	1	00779	2-641600-1	SOCKET, 16 PIN DIP		AMP
43	NOT USED						
44	NOT USED						
45	N/A	1	03QB5	777314-01	I/O CARD, HIGH SPEED DIGITAL		NIN
46	N/A	1	03QB5	183-432A-02	CABLE, SHIELDED, 2 METER		NIN
47	NOT USED						

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48	NOT USED						
49	N/A	2	04729	1483-M09-F09-632	STANDOFF		UCP
50	N/A	5	80205	NAS671C10	NUT, HEX, SMALL PATTERN, CRES, NO.10		NAS
51	N/A	10	80205	NAS620C10L	WASHER, FLAT, REDUCED OD, CRES, NO.10		NAS
52	N/A	5	79963	623	SOLDER LUG		ZIE
53	NOT USED						
54	NOT USED						
55	N/A	REF	XXXX	XXXXXX	SCHEMATIC, YOUR SCHEMATIC NAME		