

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRAWER		DATE		ENTERPRISE ELECTRONICS CORPORATION ENTERPRISE, ALABAMA 36330	
R LAWSON		04/02/99			
CHECKER		AL DRUMMOND			
DESIGN ENGINEER		05/31/00			
PROJ ENGINEER					
QUALITY ASSURANCE					
CONFIGURATION					
APPROVAL					
		SIZE		DRAWING NO.	
		A 50187		PL-127801-100	
		SCALE		5718	
				SHEET 1 OF 9	

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
A1	Solid State Modulator	50187	EEC-127852-100	1	
A1P2	Connector, plug	89110	225395-1	1	
A2	Magnetron Filament Filter Assembly	50187	EEC-127853-100	1	
A3	Dual Channel Trigger Distribution Module	50187	EEC-128000-100	1	
A3P1	Connector, plug	89110	205203-1	1	
	with pins	89110	66569-3	9	
	with ejectors	71785	D20419-0	2	
A3P2-A3P9	Connector, RF, SMA, plug	16179	2031-5002-00	8	
A4	Transmitter BITE Module	50187	EEC-127798-100	1	
A4P1	Connector, plug	89110	205203-1	1	
	with pins	89110	66569-3	9	
	with ejectors	71785	D20419-0	2	
A4P2	Connector, plug	89110	205206	1	
	with pins	89110	66570-3	15	
	with ejectors	71785	D20419-0	2	
A4P3-A4P6	Connector, RF, SMA, plug	16179	2031-5002-00	4	
A4P7	Connector, plug	89110	205205-1	1	
	with pins	89110	66569-3	15	
	with ejectors	71785	D20419-0	2	
AT1	Attenuator, 30 db	99899	1-30	1	
AT2	Attenuator, 20 db	99899	1-20	1	
B1, B3, B4	Blower (cabinet)	32284	W2E142-BB01-01	3	
B2	Blower (magnetron)	06223	K2BB47	1	
B5	Blower (cabinet)	32284	CL3L2	1	
C1	Capacitor, 25 uf, 660 VAC	56289	38KC6625	1	
	with clamp	56289	OB-3	1	
	with insulator	56289	OC-1	1	
CR1, CR2	Crystal Detector	43233	Narda 503	2	
CR3, CR4	Diode	04713	1N4007	2	
DC1	Bi-Directional Coupler	50187	EEC-124449-101	1	
DS1, DS2	Lamp, neon, 220 VAC	71744	900-152T-032CN	2	
DS3	Lamp, neon, 115 VAC	71744	NE-51	1	
DS4	Sonalert	37942	SC628C	1	
DS5, DS6	Lamp, incandescent, 28 V	71744	327	2	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 2 OF 9

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
DS7	Lamp, incandescent, 28 V	72619	507-3918-1475-600	1	
E1	Ground Stud	70318	1/4-20 X 1 1/2	1	
F1	Fuse, 30 amp, cartridge	71400	FRN-30	1	
F2	Fuse, 1 ASB	75915	MDL-1	1	
F3, F4	Fuse, 0.5 ASB	75915	MDL-1/2	2	
F5, F6, F8	Fuse, 2 ASB	75915	MDL-2	3	
F7	Fuse, 1.5 ASB	75915	MDL-1 1/2	1	
FL1	Filter, 30 ampere	23880	GA5B30	1	
FL2, FL5-FL8, FL13-FL20	Filter, 0.5 ampere	14655	RF5003-29	13	
FL3, FL4, FL9, FL11	Filter, 5 ampere	14655	5JX100	4	
FL10, FL12	Filter, 10 ampere	14655	10JX34	2	
HY1	Isolator	50187	EEC-127854-100	1	
HY2	Bandpass Filter, C-Band	50187	EEC-128276-100	1	
HY3	Harmonic Filter, C-Band	50187	EEC-128277-100	1	
J1	Connector, receptacle	77820	MS3102A-22-22P	1	
J2	Connector, receptacle	77820	MS3102A-28-15P	1	
J3, J4, J6, J9-J11	Connector, RF, BNC	02660	UG492D/U	6	
J5, J7, J8 J13, J14	Connector, receptacle with pins	92219 92219	03-06-1062 02-06-1103	5 28	
J12	Phone Jack	82389	Type 11	1	
K1	Relay, circuit breaker (24 VAC)	02288	425XBX	1	
K2	Relay (240)	77345	KUP14A55	1	
K3	Relay	02288	TF154-2C-24VDC	1	
K4	Relay, time delay, +24 VDC	63681	OAR2U-24AD	1	
K5	Relay	02288	TF154-4C-24VDC	1	
M1, M2	Meter, elapsed time	18583	700-QN-0010-1248	2	
M3	Meter, 0 to 30 V	60741	220G-30 VDC	1	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 3 OF 9

TRANSMITTER		REVISIONS															
		REV	DESCRIPTION	DATE	APPROVED												
REF	DESCRIPTION	CAGE	PART NUMBER	QTY													
M4	Meter, 0 to 1 KVDC scale	60741	220G-01ma-1KVS	1													
M5	Meter (magnetron current)	60741	220G-0-100 ma	1													
M6	Meter, 0 to 2A scale (mod current)	60741	220G-1ma-2AS	1													
P3, P4, P6, P9-P11	Connector, RF, BNC, plug	89110	225395-1	6													
P5, P7, P8 P13, P14	Connector, plug with pins	92219	03-06-2061	5													
		92219	02-06-2103	30													
P9', P10'	Connector, RF, BNC, plug	89110	UG913/U	2													
PS1	Power Supply, ±15 VDC	50187	EEC-123434-101	1													
PS2	Power Supply, +28 VDC	50187	EEC-123433-101	1													
PS3	Power Supply, +15 VDC	50187	EEC-123432-101	1													
PS4	Modulator Power Supply	50187	EEC-127851-100	1													
PS4P1, PS4P2, PS4P5	Connector, plug	89110	225395-1	3													
PS4P3	Connector, plug with pins with ejectors	89110	205206-1	1													
		89110	66570-3	15													
		71785	D20419-0	2													
R1	Potentiometer, 125 ohm, 50 W	44655	RJS125	1													
S1	Switch, rotary, DPDT	91812	44A45-02-1-02N	1													
S2, S8	Switch, interlock	91929	22AC2	2													
S3	Switch, pressure activated	81487	PM21140A	1													
S4, S12, S13, S15	Switch, airflow	93929	FS2160/28V heater	4													
S5	Switch, rotary, DP5T	91812	44A30-02-1-05N	1													
S7	Switch, interlock	91929	24AC2	1													
S9-S11	Switch, pushbutton, N.O., N.C.	72619	513-0301-604	3													
S14	Switch, temperature sensor	93929	VE2101	1													
T1	Transformer, constant voltage, 60 Hz	72149	ETC-301106	1													
T2	Transformer, magnetron filament, 1 MW	50187	EEC-128426-100	1													
TB1	Terminal Board with marker	71785	8-142	1													
		71785	MS8-142	1													
<table><tr><td>A D 05/31/00</td><td>SIZE A</td><td>CODE IDENT NO. 50187</td><td colspan="3">DRAWING NO. PL-127801-100</td></tr><tr><td>APPR./DATE</td><td>SCALE</td><td colspan="2">5718</td><td>SHEET</td><td>4 OF 9</td></tr></table>						A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100			APPR./DATE	SCALE	5718		SHEET	4 OF 9
A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100														
APPR./DATE	SCALE	5718		SHEET	4 OF 9												

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
TB2, TB3	Terminal Board with marker	71785	18-141	2	
		71785	MS18-141	2	
TB4	Terminal Board with marker	71785	6-140	1	
		71785	MS6-140	1	
TB5	Terminal Board with marker	71785	8-141	1	
		71785	MS8-141	1	
TB6	Terminal Board with marker	71785	4-141	1	
		71785	MS4-141	1	
V1	Magnetron	88236	SFD313A	1	
W1	Waveguide, 6.187" rigid	83099	EEC-128268-100	1	
W2	Waveguide, rigid to isolator	50187	EEC-128118-100	1	
W3	Waveguide, exit	50187	EEC-124464-100	1	
W4	Waveguide, double stub tuner to bypass filter	50187	EEC-128429-100	1	
W5	Waveguide, transmitter exit to harmonic filter	50187	EEC-128428-100	1	
W6	Waveguide, isolator to bi-directional coupler	50187	EEC-128119-100	1	
W7	Waveguide, (magnetron to rigid)	50187	EEC-123287-100	1	
W8	Cable Assembly	50187	EEC-127071-100	1	
W9	Cable Assembly NMF-33.5-NMS	50187	3001-7941-00	1	
			3002-7941-00	1	
W10	Cable Assembly NMF-48.5-NMS	50187	3001-7941-00	1	
			3002-7941-00	1	
XDS1, XDS2, XDS7	Lampholder	72619	250-8738-14-504	3	
XDS3	Lampholder	72619	95-0408-09-341	1	
XDS5	Part of S9				
XDS6	Part of S10				
XF1	Fuseholder	71400	H25030-1PR	1	
XF2-XF8	Fuseholder, indicating, clear	71400	HKL	7	
XK3	Socket, relay	02288	T-21110	1	
XK4	Socket, relay	91474	77-MIP-8	1	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 5 OF 9

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
XK5	Socket, relay	02288	T-41110	1	
XS4, XS12, XS13, XS15	Socket, airflow switch	93929	A-1003	4	
Z1	Double Stub Tuner	50187	EEC-125816-100	1	
MP1	Cabinet, main frame	50187	EEC-128095-100	1	
MP2	Plate, lower, rear (P/O MP1)	50187	EEC-128096-100	1	
MP3	Plate, bottom (P/O MP1)	50187	EEC-127414-100	1	
MP4	Plate, middle (P/O MP1)	50187	EEC-128097-100	1	
MP5	Plate, lower, end right (P/O MP1)	50187	EEC-127413-100	1	
MP6	Plate, lower, end left (P/O MP1)	50187	EEC-128098-100	1	
MP7	Bracket, mtg. slides, modulator	50187	EEC-127458-100	2	
MP8	Plate, mtg. modulator	50187	EEC-128099-100	1	
MP9	Cover, hot box	50187	EEC-127488-100	1	
MP10	Clamp, gasket seal (P/O MP9)	50187	EEC-127489-100	2	
MP11	Clamp, gasket seal (P/O MP9)	50187	EEC-127490-100	2	
MP12	Gasket, RFI (P/O MP9)	Chomerics	01-0101-1330	AR	
MP13	Adapter, Magnetron Tuner	50187	EEC-106345-100	1	
MP14	Plate, rear, upper	50187	EEC-128079-100	1	
MP15	Plate, left, upper	50187	EEC-128081-100	1	
MP16	Plate, right, upper	50187	EEC-128083-100	1	
MP17	Plate, connector	50187	EEC-128076-100	1	
MP18	Panel, top	50187	EEC-128117-100	1	
MP19	Panel, upper, rear	50187	EEC-123624-100	1	
MP20	Panel, lower, rear	50187	EEC-128104-100	1	
MP21	Panel, upper, side, right	50187	EEC-127481-101	1	
MP22	Panel, upper, side, left	50187	EEC-127481-100	1	
MP23	Panel, lower, side, right	50187	EEC-127480-100	1	
MP24	Panel, lower, side, left	50187	EEC-128105-100	1	
MP25	Panel, front	50187	EEC-123619-100	1	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 6 OF 9

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
MP26	Panel, transmitter control	50187	EEC-128077-100	1	
MP27	Frame, control panel	50187	EEC-100519-100	1	
MP28	Door, cabinet	50187	EEC-123618-100	1	
MP29	Hinge, door	50187	EEC-123636-100	1	
MP30	Bar, door latch	50187	EEC-123631-100	1	
MP31	Latch Kit (transmitter door)	00843	A-L2DR	1	
MP32	Bracket, door latch	50187	EEC-100544-100	2	
MP33	Striker, door latch	50187	EEC-106149-100	1	
MP34	Rod, door stop travel	90918	1439A62	1	
MP35	Rod, transmitter door	50187	EEC-123671-101	1	
MP36	Rod, transmitter door	50187	EEC-123671-102	1	
MP37	Bushing, door guide	50187	EEC-106150-100	2	
MP38	Plate, door stop mounting	50187	EEC-108117-100	1	
MP39	Plate, door stop travel rod	50187	EEC-107343-100	1	
MP40	Shaft, door rollers	50187	EEC-108021-100	2	
MP41	Snap Ring	00141	Z2-3	4	
MP42	Cover, terminal board	50187	EEC-106038-118	1	
MP43	Filter Assembly (filter, cover, holder)	03522	105-G19	1	
MP44	Filter, RFI	07700	63-78906	1	
MP45	Slide, bottom mount	5G982	C-93822	2	
MP46	Grip Latch	94222	44-1-17-1	6	
MP47	Handle	2R182	491	2	
MP48	Fan finger guard	32284	08127	2	
MP49	Fan finger guard	32284	08125	6	
MP50	Plate, mounting, exhaust fan	50187	EEC-127485-100	1	
MP51	Wiremesh, magnetron blower	50187	EEC-121564-100	1	
MP52	Bracket, airflow switch	50187	EEC-126672-100	4	
MP53	Bracket, voltage protection cover	50187	EEC-106036-100	6	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 7 OF 9

TRANSMITTER		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
MP54	Cover, voltage protection, control panel	50187	EEC-106037-101	1	
MP55	Cover, voltage protection, power supply	50187	EEC-123712-101	1	
MP56	Standoff (PS protection cover)	50187	EEC-123538-100	4	
MP57	Cover, AC protection	50187	EEC-124679-100	1	
MP58	Standoff (AC cover)	2R182	8372	4	
MP59	Standoff	2R182	8367	4	
MP60	Standoff, (terminal board)	2R182	8347	4	
MP61	Bracket, crystal detector	50187	EEC-114819-102	2	
MP62	Bracket, attenuator	50187	EEC-114819-101	2	
MP63	Bracket, component mtg. modulator compartment	50187	EEC-127429-100	1	
MP64	Bracket, mounting relay	50187	EEC-126135-100	1	
MP65	Bracket, blower	50187	EEC-128126-100	1	
MP66	Bracket, running time meter	50187	EEC-123449-100	1	
MP67	Bracket, mounting, isolator, C-Band	50187	EEC-128120-100	1	
MP68	Clamp, isolator	50187	EEC-128121-100	1	
MP69	Bracket, bi-directional coupler	50187	EEC-100456-100	3	
MP70	Clamp, bi-directional coupler	50187	EEC-100485-100	4	
MP71	Bracket, pressure switch	50187	EEC-123849-100	1	
MP72	"T" Air Fitting	39428	5532K822	1	
MP73	Connector, air fitting	39428	5075K11	1	
MP74	Grommet (air hose)	2R182	91119	1	
MP75	Air Hose (24 inch)	39428	5115K11	1	
MP76	Air Hose (25 foot)	39428	5115K11	1	
MP77	Identification Plate	50187	EEC-125486-100	1	
MP78	Identification Plate	50187	EEC-125485-101	1	
MP79	Stud	70318	1/4-20 x 1 1/2 LG	1	
MP80	Receptacle	94222	82-35-295-15	8	
MP81	Wear Washer	94222	82-46-101-41	8	
		A D 05/31/00	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127801-100
		APPR./DATE	SCALE	5718	SHEET 8 OF 9

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRAFTER	R LAWSON	DATE	04/01/99	EEC ENTERPRISE ELECTRONICS CORPORATION ENTERPRISE, ALABAMA 36330			
CHECKER	BDR	04/01/99					
DESIGN ENGINEER							
PROJ ENGINEER							
QUALITY ASSURANCE							
CONFIGURATION				SIZE	CODE IDENT NO.	DRAWING NO.	
APPROVAL				A	50187	PL-128000-100	
				SCALE	5718	SHEET	1 OF 2

DUAL CHANNEL
TRIGGER DISTRIBUTION MODULE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

REF	DESCRIPTION	CAGE	PART NUMBER	QTY
A1	Dual Channel Trigger Distribution PCA	50187	EEC-127999-100	1
J1	Connector, receptacle with hardware kit	71785 71785	DE9-P D20418-2	1 1
J2-J9	Connector	16179	2058-0000-00	8
MP1	Module Box	50187	EEC-128007-100	1
MP2	Bar, PCA mounting	50187	EEC-120875-100	2
MP3	Identification Plate	50187	EEC-125485-100	1

BDR 04/01/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-128000-100
APPR./DATE	SCALE	5718	SHEET 2 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRAFTER J. MEREDITH		DATE 01/28/00		ENTERPRISE ELECTRONICS CORPORATION ENTERPRISE, ALABAMA 36330			
CHECKER							
DESIGN ENGINEER D. JONES		02/01/00					
PROJ ENGINEER							
QUALITY ASSURANCE							
CONFIGURATION				SIZE	CODE IDENT NO.	DRAWING NO.	
APPROVAL				A	50187	PL-128416-100	
		SCALE		5718		SHEET 1 OF 2	

DUAL TRIGGER DISTRIBUTION PCA

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
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REF	DESCRIPTION	CAGE	PART NUMBER	QTY
C1, C2, C3	Capacitor, 0.1 uF, 50 V, 1206	23063	140-CC502Z104M120 ___ 6SMD	3
C4, C5	Capacitor, 1 uF, 25 V, Tantalum	Vishay	293D105X0025A2W	2
C6	Capacitor, 220 uF, 20 V, Tantalum	Vishay	152D227X902052	1
D1, D2	Diode, Zener, 5.1 V	04713	1N751A	2
J1	Connector, Power, 4 Pin	Molex	39-30-2045	1
J2, J3, J4, J5, J6, J7, J8, J9	Connector, SMA	77820	901-144	8
R1, R3	RES, 1 K, 1/8 W, 1206	91637	CRCW1206-102J	2
R2, R4	RES, 75, 1/8 W, 1206	91637	CRCW1206-750J	2
R5	RES, 150, 1 W	01121	RC32GF151J	1
U1	Intergrated Circuit, Hex Inverter	01295	SN7414N	1
U2, U3	Intergrated Circuit, NOR, Line Driver	01295	SN74128N	2
VR1	Intergrated Circuit, Regulator, +5 V	04713	MC78T05CT	1

DJ	SIZE	CODE IDENT NO.	DRAWING NO.
02/01/00	A	50187	PL-128416-100
APPR./DATE	SCALE	5718	SHEET 2 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRAFTER PAULINE ELLISOR		DATE 05/28/99		ENTERPRISE ELECTRONICS CORPORATION ENTERPRISE, ALABAMA 36330			
CHECKER							
DESIGN ENGINEER D. JONES		06/02/99					
PROJ ENGINEER							
QUALITY ASSURANCE							
CONFIGURATION				SIZE	CODE IDENT NO.	DRAWING NO.	
APPROVAL				A	50187	PL-127797-100	
				SCALE	5718	SHEET	1 OF 5

TRANSMITTER BITE INTERFACE MODULE		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
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A1	BITE INTERFACE PCA		EEC-126594-102	1	
C1, C2, C3 C4, C60	Cap, 100uF	31433	T356J107K010AS	5	
C5, C12, C19, C22, C24, C27, C30, C31, C35, C42, C46, C47, C52, C54, C56	Cap, 1.0uF	00656	CK06BX105K	15	
C6, C10, C6, C10, C13, C18, C20, C21, C25, C26, C28, C29, C33, C34, C37, C41, C43, C44, C33, C34, C45, C49, C50, C51, C53, C57	Cap, 0.22uF	23063	140-C502Z224M 11206SMD	22	
C7, C14	Cap, 820pF	00656	CK05BX821K	2	
C8, C16, C38, C39, C40, C65	Cap, 0.1uF	00656	CK06BX104K	6	
C9, C17	Cap, 470pF	00656	CK05BX471K	2	
C11, C15, C36	Cap, 100pF	00656	CK05BX101K	3	
C23, C32, C48, C55	Cap, 5pF	14655	CM05CD050D03	4	
C58, C59	Cap, 220uF	23063	140-XRL25V220	2	
C61, C62, C63, C64	Cap, C	23063		4	
D1, D2, D3, D4	Zener Diode, 1N4736	04713	1N4736	4	
D5, D7, D9 D10, D11, D12, D13, D15, D16, D17, D18	Zener Diode, 1n4735	04713	1n4735	11	
		DJ 06/02/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127797-100
		APPR./DATE	SCALE	5718	SHEET 2 OF 5

TRANSMITTER BITE INTERFACE MODULE		REVISIONS			
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D6, D8, D14	Diode, 1N914	04713	1N914	3	
JP1, JP2, JP3, JP4, JP5, JP6, JP7, JP8	Jumper Block, 2 Pin	54453	S1012-2-ND	8	
J1	Jumper Block, 9 Pin	54453	S1012-9-ND	1	
J2	Jumper Block, 10 Pin	54453	S1012-10-ND	1	
J3, J4, J5, J6, J8, J9, J10, J11, J12, J13	SMA Connector	77820	901-144	10	
J7	Jumper Block, 16 Pin	54453	S1012-16-ND	1	
J14, J15, J16	Connector, DIN 64	71785	8564-4500JL	3	
Q1, Q2, Q3, Q4, Q5	Transistor, 2N2369	04713	2N2369	5	
R1, R33, R45, R70, R72, R75, R102, R114	Res, 20K	91637	MCR1210-2002	8	
R2, R4, R71, R73, R76, R80 R82, R85	Res, 5.1K	91637	CRCW1206-512J	8	
R3, R13, R58, R61, R63, R66, R79, R81, R84, R99	Res, 10K	91637	CRCW1206-103J	10	
R5, R6, R7, R8, R126	Res, 150 1W	01121	RC32GF151J	5	
R9, R10, R11, R12, R57, R59, R60, R62, R64, R65, R67, R68, R69, R74, R77, R78, R83, R86, R87, R88, R89, R90, R91	Res, R	91637	XXXX	23	
		DJ 06/02/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127797-100
		APPR./DATE	SCALE	5718	SHEET 3 OF 5

TRANSMITTER BITE INTERFACE MODULE		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
R14, R15, R17, R24, R25, R29, R93, R94, R98	Res, 3.9K	91637	CRCW1206-392J	9	
R16, R26, R95	Res, 470	91637	CRCW1206-471J	3	
R18, R30, R101	Res, 2K	91637	CRCW1206-202J	3	
R19, R31, R37, R49, R100, R106, R118	Res, 10	91637	MCR1210-10R	7	
R20, R21, R23, R28, R32, R34, R36, R38, R41, R42, R46, R48, R50, R53, R54, R92, R97, R103, R105, R107, R110, R111, R115, R117, R119, R122, R123	Res, 1K	91637	MCR1210-1001	27	
R22, R27, R40, R52, R96, R109, R121	Res, 1K	91637	MCR1210-1001	27	
R35, R39, R47, R51, R104, R108, R116, R120	Res, 75	91637	CRCW1206-750J	7	
R35, R39, R47, R51, R104, R108, R116, R120	Res, 100	91637	CRCW1206-101J	8	
R43, R55, R112, R124	Res, 68K	91637	CRCW1206-683J	4	
R44, R56, R113, R125	Res, 100K	91637	CRCW1206-104J	4	
U1	DC/DC Conv	LAMBDA	PM10-12S05	1	
U2, U3, U10	IC	01295	SN74LS123N	3	
U4, U13	IC	12040	CD4016BE	2	
		DJ 06/02/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127797-100
		APPR./DATE	SCALE	5718	SHEET 4 OF 5

TRANSMITTER BITE INTERFACE MODULE		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
U5, U8, U11, U15	IC	12040	HA3-2525-5	4	
U6, U9, U12, U16	IC	12040	CRCW1206-392J	4	
U7, U14	Res, 470	04713	MC34004	2	
VR1, VR2, VR3	POTENTIOMETER, 25k	73138	66WR25K	3	
XU2, XU3, XU10	Socket, 16 Pin Dip	91506	216-AG19DC	3	
XU4, XU13, XU7, XU14	Socket, 14 Pin Dip	91506	214-AG19DC	4	
XU5, XU8, XU11, XU15	Socket, 8 Pin Dip	91506	208-AG19DC	4	
XU6, XU9, XU12, XU16	Socket, 10 Pin Dip	91506	210-AG19DC	4	
MP1	TRANSMITTER BITE PCA		PW-127797-100	4	

DJ	SIZE	CODE IDENT NO.	DRAWING NO.
06/02/99	A	50187	PL-127797-100
APPR./DATE	SCALE	5718	SHEET 5 OF 5

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DRAFTER PAULINE ELLISOR		DATE 06/15/99		ENTERPRISE ELECTRONICS CORPORATION ENTERPRISE, ALABAMA 36330			
CHECKER							
DESIGN ENGINEER D. JONES		06/29/99					
PROJ ENGINEER							
QUALITY ASSURANCE							
CONFIGURATION				SIZE	CODE IDENT NO.	DRAWING NO.	
APPROVAL				A	50187	PL-127798-100	
				SCALE	5718	SHEET	1 OF 2

TRANSMITTER BITE
INTERFACE MODULE

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
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REF	DESCRIPTION	CAGE	PART NUMBER	QTY
A1	Transmitter BIM PCA	50187	EEC-127797-100	1
J1	Connector, Receptacle with hardware	71785 71785	DE9-P D20418-2	1 2
J2	Connector, Receptacle with hardware	71785 71785	DA15-S D20418-2	1 2
J3-J6, J8-J13	Connector, SMA Plug	16179	2084-0000-00	10
J7	Connector, Receptacle with hardware	71785 71785	DA15-P D20418-2	1 2
P1	Header, Plug 9 Pin with pin	1U389 89110	1-87499-5 87756-7	1
P2	Header, Plug 10 Pin with pin	1U389 89110	1-87499-7 87756-7	1
P7	Header, Plug 16 Pin with pin	1U389 89110	2-87499-9 87756-7	1
MP1	Box, Module Enclosure	50187	EEC-127841-100	1

D.J. 06/29/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-127798-100
APPR./DATE	SCALE	5718	SHEET 2 OF 2

EEC-A1

BITE INTERFACE PCA		REVISIONS			
		REV	DESCRIPTION	DATE	APPROVED
		A	INC EC-03090 LD	07/26/99	DB
		B	INC EC-03189 XH	09/22/99	DJ
		C	INC EC-03377 PE	01/21/00	AD
		D	INC EC-03425 JM	02/08/00	DJ
REF	DESCRIPTION	CAGE	PART NUMBER	QTY	
C1	Capacitor, 10 uf, 25VDC	31433	T340CC106C025AS	1	
C2	Capacitor, 10 pf, 500VDC	14655	CM05CD100D03	1	
C3	Capacitor, 0.47 uf, 50VDC	00656	CK06BX474K	1	
C4, C14, C15	Capacitor, 100 uf, 10VDC	31433	T356J107K010AS	3	
C5-C8	Capacitor, .1 uf, 50VDC	56289	581-UDW104M1	4	
C9-C13	Capacitor, .22uf	23063	140-CC502Z224M	5	
D1	Diode	01295	IN914	1	
D2	LED	72619	521-9216	1	
JP1, JP5, JP6	Jumper Block, 9 pin, SIP	54453	S1012-09-ND	3	
JP2	Jumper Block, 3 pin, SIP	54453	S1012-03-ND	1	
JP3, JP4	Jumper Block, 2 pin, SIP	54453	S1012-02-ND	2	
J1, J2, J3	Connector	39711	2564-6002-UB	3	
J4	Connector	39711	2510-6002-UB	1	
R1	Resistor, 1/4W (Value Selected at Test)			1	
R2	Resistor, 1/4W (Value Selected at Test)			1	
R3	Resistor, 1/4W (Value Selected at Test)			1	
R4	Resistor, 1/4W (Value Selected at Test)			1	
R5, R7	Resistor, 10K, 1/4W, 2%	91637	RLR07C1002GS	2	
R6	Resistor, 2.7K, 1/4W, 5%	01121	RLR7C2701GS	1	
R8	Resistor, 1K, 1/4W, 2%	91637	RLR07C1001GS	1	
RN1	Resistor Network, 10 K, 9 pin	32997	4609X-101-103	1	
S1	Switch, DIP, 4 POS.	89110	435640-2	1	
S2	Switch, Pushbutton, SPST, Momentary	95146	TPA11CG-RA6	1	
U1	Integrated Circuit	01295	TMS370C742AFNT	1	
U2	Integrated Circuit	1ES66	MAX242CPN	1	
U3	Integrated Circuit, EPLD-1	67183	EPM7096LC68-10	1	
U4	Integrated Circuit, EPLD-2	67183	EPM7096LC68-10	1	
		DJ 03/19/99	SIZE A	CODE IDENT NO. 50187	DRAWING NO. PL-126594-102
		APPR./DATE	SCALE	9977	SHEET 2 OF 3

BITE INTERFACE PCA

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
C	INC EC-03377 PE	01/21/00	AD

REF	DESCRIPTION	CAGE	PART NUMBER	QTY
XU1	Socket, I.C., 44 pin, PLCC	89110	821575-1	1
XU2	Socket, I.C., 18 pin, DIP	91506	218-AG19DC	1
XU3, XU4	Socket, I.C., 68 pin, PLCC	89110	821574-1	2
XY1	Socket, OSC., 8 pin, DIP	91506	208-AG19DC	1
Y1	Crystal Oscillator, 20.0 MHz	27802	US887-20.000 MHz	1

DJ	SIZE	CODE IDENT NO.	DRAWING NO.
03/19/99	A	50187	PL-126594-102
APPR./DATE	SCALE	9977	SHEET 3 OF 3