

NOTES:

1. PARENTHEICAL ITEM IDENTIFICATION DENOTES (ITEM FIND NO.-QTY).
2. REFERENCE DESIGNATORS ARE USED IN LIEU OF ITEM FIND NUMBERS.
3. 500-6520-001 MAY BE UTILIZED ON THIS ASSEMBLY.
4. TO BE TESTED AT A HIGHER LEVEL.
5. SOLDER PER COMMERCIAL REQUIREMENTS (500-5178-000).
6. MAXIMUM Z TOP DIMENSION SHALL NOT EXCEED 0.460.
7. MAXIMUM Z BOTTOM DIMENSION SHALL NOT EXCEED 0.165.
8. MARK REV LETTER FOLLOWING THE APPROPRIATE LETTERS REV PER 830-0497-001.
9. ASSEMBLY IDENTIFIED BY APPLICATION OF MARKING REQUIREMENTS ON FAB PART.
10. MAXIMUM LEAD PROTRUSION TO BE .000.
11. "T" DESIGNATES BOARD TOP SURFACE.
12. PER MANUFACTURING, PROJECT OR CONTRACT REQUIREMENTS, MARK THE MANUFACTURING CONTROL NUMBER FOLLOWING THE LETTERS MCN PER 830-0497-001.
13. CAUTION: THIS ASSEMBLY CONTAINS ELECTROSTATIC SENSITIVE DEVICES, HANDLE PER 489-0004-001. IDENTIFY PER 500-6535-001. LOCATE ITEM 11 APPROXIMATELY AS SHOWN.
14. POSTCOAT TOP AND BOTTOM SIDES PER 500-5450-001.
15. CROSSHATCHED AREAS TO BE FREE OF POSTCOAT, TOP AND BOTTOM.
16. BOND ITEMS 8 AND 33 TO BOARD USING ITEM 3 PER 500-5205-010.
17. REFERENCES DESIGNATORS TP1-8,E1,3,Y5-V7,52-54,63 AND 64 ARE SHOWN FOR REFERENCE ONLY.
18. ALL JUMPER WIRE, IF APPLICABLE, IS 30 GAUGE ETCHED TEFLON INSULATED WIRE, U.O.S. BOND WIRE(S) TO BOARD PER 830-0513-001. ROUTING OF JUMPERS OPTIONAL, U.O.S.
19. BOND ITEMS 4, 5, 6 AND 7 TO ITEM 1 AND EACH OTHER AROUND PERIMETER USING ITEM 3 PER 500-5205-010. ADHESIVE FILLET THICKNESS SHALL EXTEND 0.100 INCHES MINIMUM UP THE COMPONENT BODY.
20. APPLY ITEM 2 TO ITEM 16.

SCHEMATIC AND FAB BOARD APPLICABILITY REF. TABLE			
SCHEMATIC	FAB BOARD	CKT CARD ASST	

820-8713-002 - 820-0000-034 - 820-3313-002 -

REVISIONS			
LTN	DESCRIPTION	DATE	APVD

PARTS LIST CONTINUED ON PAGE 2

1	119	913-0005-300	CAPACITOR, 220 pF	C102
7	113	913-0005-200	CAPACITOR, 100 pF	C2,4,5,7,8,103,111
4	112	913-0005-140	CAPACITOR, 10 pF	C3,121,122,124
4	111	913-0003-050	CAPACITOR, 0.1	C46,130,131,133
1	110	850-4020-000	COMM, ELEC	J104
1	109	849-0031-010	COIL, 1.0	L2
1	108	844-2001-030	DIODE, 1403	CR109
5	107	844-1024-220	DIODE, MMS252V2B	VR102,103,109,110,113
1	106	844-0124-390	DIODE, MMS2716T1	VR112
3	105	844-0124-370	DIODE, MMS2714T1	VR100,106,111
1	104	844-0123-260	DIODE, 1SMB5940B73	VR6
1	103	844-0123-140	DIODE, 1SMB5938B73	VR101
2	102	844-0123-110	DIODE, 1SMB5927B73	VR104,105
1	101	844-0123-040	DIODE, 1SMB5910B73	VR107
1	100	844-0122-030	DIODE, CMR1U-04	CR107
1	99	844-0097-240	DIODE, 1SNC33A	VR7
5	98	844-0087-020	DIODE, MBR0300	CR3,101,103-105
7	97	844-0068-010	IC, HSMS-2805	U4,5,100,103,105,111
1	96	844-0005-030	DIODE, MMS130LT3	CR100
2	95	844-0004-020	DIODE, 320	CR100,102
2	94	843-7010-020	TRANSISTOR, IRF9530S	Q5,6
1	93	843-7007-020	TRANSISTOR, IRFR110	Q4
3	92	843-2002-020	TRANSISTOR, MMBT5551	Q100,105,110
1	91	835-0253-030	IC, UCC2804	U101
1	90	834-5013-050	CAPACITOR, 0.1	C134
6	89	834-5000-040	CAPACITOR, 1.0	C100,110,112-115
2	88	834-5000-020	CAPACITOR, 0.1	C47,48
1	86	833-0003-170	RESISTOR, 0.35	R143

QTY	ITEM	PART OR IDENT NO.	DESCRIPTION	REMARKS OR NOTES	REF. DESIGNATORS
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PARTS LIST (US CUSTOMARY MEASUREMENTS ONLY)

1	85	833-0003-120	RESISTOR, 0.05	R29
3	84	833-0003-010	RESISTOR, 0.1	R26,42,139
4	83	833-0009-020	RESISTOR, 10	R114,122,124,125
1	82	833-4006-020	RESISTOR, 15	R6
1	81	833-4004-020	RESISTOR, 5.11	R41
2	80	833-4004-150	RESISTOR, 0.100	R39,40
REF	79	820-8713-002	SCHEMATIC	
2	78	705-3540-390	RESISTOR, 200	R102,119
2	77	705-3539-140	RESISTOR, 10	R43,108
2	76	705-3537-170	RESISTOR, 1.5 k	R111,112
9	75	705-3535-270	RESISTOR, 12.1 k	R1-4,225-227,229,230
1	74	705-3535-060	RESISTOR, 100 k	R202
1	73	705-3535-030	RESISTOR, 20 k	R110
2	72	705-3205-540	RESISTOR, 243 k	R109,190
4	71	705-3205-410	RESISTOR, 130 k	R104,190,205,215
2	70	705-3205-110	RESISTOR, 27.4 k	R151,223
8	69	705-3205-080	RESISTOR, 24.3 k	R21,148,156,159,160,167-169
2	68	705-3205-020	RESISTOR, 10.2 k	R176,185
1	67	705-3204-050	RESISTOR, 3.92 k	R195
1	66	705-3204-100	RESISTOR, 1.3 k	R103
1	65	705-2439-900	RESISTOR, 150	R105
1	64	705-2439-380	RESISTOR, 1 M	R16
1	63	705-2439-320	RESISTOR, 750 k	R140
1	62	705-2439-290	RESISTOR, 619 k	R162
1	61	705-2439-260	RESISTOR, 511 k	R101
9	60	705-2439-240	RESISTOR, 475 k	R8,13,15,17,104,105,171,174,182
2	59	705-2439-110	RESISTOR, 200 k	R144,172
1	58	705-2439-060	RESISTOR, 102 k	R14
7	57	705-2439-050	RESISTOR, 150 k	R9,12,163,173,175,198,201
7	56	705-2439-900	RESISTOR, 110 k	R30,31,33,34,154,177
10	55	705-2439-950	RESISTOR, 100 k	178
1	54	705-2439-910	RESISTOR, 82.5 k	R197
3	53	705-2439-890	RESISTOR, 75 k	R106-188
2	52	705-2439-020	RESISTOR, 61.9 k	R10,107
1	51	705-2439-010	RESISTOR, 50.2 k	R36
8	50	705-2439-710	RESISTOR, 39.2 k	R132,137,138,161,192-194,196
2	49	705-2439-020	RESISTOR, 22.1 k	R100,145
2	48	705-2439-590	RESISTOR, 20 k	R126,134
35	47	705-2439-440	RESISTOR, 10 k	R5,20,23,27,113,121,123,127,129,133,135,136,141,146,155,157,191,206-214,216-222,224,229

QTY	ITEM	PART OR IDENT NO.	DESCRIPTION	REMARKS OR NOTES	REF. DESIGNATORS
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PARTS LIST (US CUSTOMARY MEASUREMENTS ONLY)

QTY	ITEM	PART OR IDENT NO.	DESCRIPTION	REMARKS OR NOTES	REF. DESIGNATORS
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PARTS LIST (US CUSTOMARY MEASUREMENTS ONLY)

REDAC

ROCKWELL PROPRIETARY INFORMATION.

ROCKWELL COLLINS, INC	
400 COLLINS ROAD NE, CEDAR RAPIDS, IOWA 52405	
CIRCUIT CARD ASSEMBLY, VOL-2000	
POWER SUPPLY	
DWG NO. 828-3313-002	REV. 1
DATE 10/23/2001	BY J. BLAIR
SCALE NONE	SHEET 1 OF 4

DISTAL DATA ONLY, NO MASTER TRACKING.

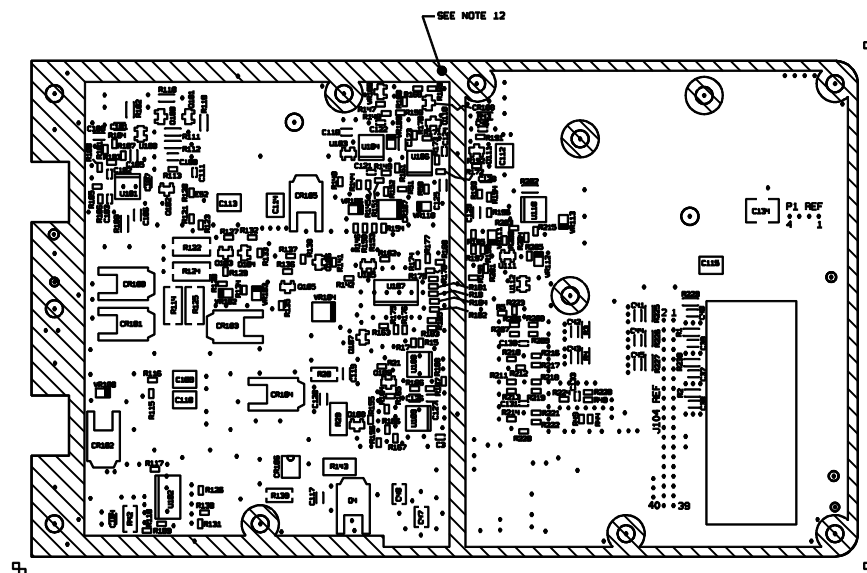
2	117 913-0005-600	CAPACITOR, 1000 pF	C32,34
1	116 913-0005-040	CAPACITOR, 470 pF	C105
35	115 913-0005-020	CAPACITOR, 0.1	C6,10-13,20-30,37-45 100,101,104,106-108, 117-120,123,125-129

QTY	ITEM	PART OR	NOTES	REF
IND.		IDENT NO.	DESCRIPTION	DESIGNATORS
PARTS LIST (US CUSTOMARY MEASUREMENTS ONLY)				

ROCKWELL COLLINS, INC
400 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52400

ROCKWELL PROPRIETARY INFORMATION.	PREP. R. COLLETTE	SIZE / CRK CODE D 4V792	DWG NO. 828-3313-002	REV LTR -
	CHK. H. FERRIS	SCALE NONE	SHEET 2	

DIGITAL DATA ONLY, NO PAPER TRACING.



COMPONENTS BOTTOM

ROCKWELL PROPRIETARY INFORMATION.

PREP D. COLLETTE
13-SEP-2001
CHK H. FRYBART

ROCKWELL COLLINS, INC			
1000 COLLINS ROAD NE, CEDAR RAPIDS IOWA, 52499			
SIXT / CRK CODE	DWG NO.	REV	
D 4V792	828-3313-002	1.00	-
SCALE NONE	SHEET 4		

DIGITAL DATA ONLY, NO PAPER TRACING.