

CRESTRON ELECTRONICS, INC.
 Indented Bill of Material Report

Memo: Please forward printout to clifford
 (Report Parameters)

System-Date: Tue Sep 18 11:12:09 2001
 Database Name: /u/titanuat/dg008crtn/g008crtn
 User Id: clifford
 Terminal Id: yp45

Function name: indented.bom

Parameter list =

Parameter Output: to /usr/clifford/PA05731-1.out
 Report Output: to /usr/clifford/PA05731-1.out

Item Group List: *
 Revision Type: REG
 Item Number: PA05731-1
 To: PA05731-1
 Buyer/Planner List: *
 Effective Date: 09/18/2001
 Parent Item Quantity: 1

CRESTRON ELECTRONICS, INC.
 Indented Bill of Material Report

Item Number: PA05731-1 PCB ASSY, RF GATEWAY FOR Quantity: 1 UO
 2 WAY 1550'S Batch-size: 1
 Effective: 01/25/01 Expiration: 12/31/49 Revision ID: I - ECN 2097/TCR1810

Buyer/Planner: Item Group: Drawing ID: P
 Drawing ID-2: S

Level	Bom-seq	Component	Description	Qty/ Ext-Qty	UOM	Ph	By- Pro
1.....	5	PB05731-1	PCB RF GATEWAY FOR 2 WAY 1550'S	1	EA	N	N
1.....	10	CFRDL121-1	CAP, ELECT, 120UF, 16V, 20%, RDL, 2.5MMLS, 6.3X11MM, LOW IMPD Memo: SECURE TO PCB W/ AHSI- C44, C45	2	EA	N	N
1.....	15	CFRDL560-2	CAP, ELECT, 56UF, 50V, 20%, RDL, 2.5MMLS, 6.3X15MM, LOW IMPD Memo: SECURE TO PCB W/ AHSI- C12, C43	2	EA	N	N
1.....	20	CFSMC050-1	CAP, CER, 5PF, 50V, 0805, COG, 1 5%, SM C1	1	EA	N	N
1.....	25	CFSMC100-1	CAP, CER, 10PF, 50V, 0805, COG, 5%, SM	3	EA	N	N

C2, C3, C4

1.....	30	CFSMC101-3	CAP, CER, 100PF, 50V, 0805, COG, 5%, SM C34, C88, C93	3	EA	N	N
1.....	31	CFSMC102-2	CAP, CER, 1000PF, 50V, 0805, X7R, 5%, SM C25	1	EA	N	N
1.....	35	CFSMC103-3	CAP, CER, 0.01UF, 50V, 0805, X7R, 5%, SM C5, C30, C39	3	EA	N	N
1.....	40	CFSMC104-2	CAP, CER, 0.1UF, 50V, 1206, X7R, 10%, SM C6, C8, C9, C11, C16-C24, C27, C28, C36	16	EA	N	N
1.....	45	CFSMC105-1	CAP, CER, 1.0UF, 16V, 0805, Y5V, +80/-20%, SM C40	1	EA	N	N
1.....	46	CFSMC150-1	CAP, CER, 15PF, 50V, 0805, COG, 5%, SM C31, C46	2	EA	N	N
1.....	50	CFSMC220-1	CAP, CER, 22PF, 50V, 0805, COG, 5%, SM C37, C38	2	EA	N	N
1.....	51	CFSMC222-2	CAP, CER, 2200PF, 50V, 0805, X7R, 10%, SM C49	1	EA	N	N
1.....	55	CFSMC223-3	CAP, CER, 22000PF, 50V, 0805, X7R, 10%, SM C32	1	EA	N	N
1.....	60	CFSMC3R3-2	CAP, CER, 3.3PF, 50V, 0805, COG, 5%, SM C42, C50	2	EA	N	N
1.....	61	CFSMC471-1	CAP, CER, 470PF, 50V, 0805, COG, 5%, SM C13-C15, C48, C89, C91, C94-C96	9	EA	N	N
1.....	62	CFSMC472-1	CAP, CER, 4700PF, 50V, 0805, X7R, 5%, SM C33	1	EA	N	N
1.....	65	CFSMC473-1	CAP, CER, 47000PF, 50V, 1206, X7R, 10%, SM C7	1	EA	N	N
1.....	70	CFSMC475-2	CAP, CER, 4.7UF, 16V, 1206, Y5V, +80% -20%, SM C41	1	EA	N	N
1.....	71	CFSMC5R1-3	CAP, CER, 5.1PF, 50V, 0805, COG, 0.025PF, SM C47	1	EA	N	N

1.....	75 CFSMT105-3	CAP, TANT, 1UF, 20V, 3216, 10%, SM C26,C29	2	EA	N	N
1.....	80 CFSMT106-3	CAP, TANT, 10UF, 10V, 3528, 10%, SM C35,C51	2	EA	N	N
1.....	85 CFSMT474-1	CAP, TANT, 0.47UF, 25V, 3216, 10%, SM C10	1	EA	N	N
1.....	90 DIAXZ-1N4752A-1	DIODE, AXL, 1N4752A, ZENER, DO-41, 33V, 1 WATT Z6	1	EA	N	N
1.....	95 DISMG-4002-1	DIODE, SM, 4002, GENERAL, 100V DL-41 D3	1	EA	N	N
1.....	100 DISMS-SS14-1	DIODE, SCHOTTKY PRV=40V, Io= 1A, Ifsm=30A, Vfm=500mV, DO-214AC D1,D2,D4	3	EA	N	N
1.....	105 DISMT-SMBJ33A-1	DIODE, SM, TRANS SUP, 33.0VWM, 600W, 5%, UNIDIRECT, DO-214AA Z1	1	EA	N	N
1.....	110 DISMT-SMBJ8CA-1	DIODE, SM, TRANS SUP, 8.0VWM, 600W, 5%, BI-DIRECT, DO-214AA Z2,Z3	2	EA	N	N
1.....	111 DISMW-1N914-1	DIODE, SM, 1N914, SWITCHING, SOT-23 D18	1	EA	N	N
1.....	115 DKMS-TR3002-1	XCVR, HYBRID, 418.00MHZ, 3V, 0.43"LX0.38"WX0.08"H, SM-20L U13	1	EA	N	N
1.....	120 FBSM-2	F BEAD, 600R MIN IMPD, 3.2LX 1.6W MM, SM L2.L3,L7,L8,L10,L11	6	EA	N	N
1.....	125 FUTHAR10-1	FUSE, 100MA, RESET, 0.29"WX 0.5"H, 0.2"LS, TH, 7.5 OHMS R9,R10	2	EA	N	N
1.....	130 ISTH32PLCC-1	IC SKT, 32PIN, PLCC, TH U6,U9	2	EA	N	N
1.....	135 IPIM2839-1	IC, PROG, AM29F010-120JC, 2839 32 PLCC, SKT MNT U6	1	EA	N	N
2.....	5 ICIMF-AM29F010-120-1	IC, FLASH PROM, SECTOR ERASE, 128KX8, 32PLCC, 120NS	1	EA	N	N

2.....	10	SFXM2839-1	SOFTWARE, PROM, ZA11282	1	EA	N	N
1.....	140	IPIM2840-1	IC, PROG, AM29F010-120JC, 2840 32 PLCC, SKT MNT U9	1	EA	N	N
2.....	5	ICIMF-AM29F010-120-1	IC, FLASH PROM, SECTOR ERASE, 128KX8, 32PLCC, 120NS	1	EA	N	N
2.....	10	SFXM2840-1	SOFTWARE, PROM, ZA11282	1	EA	N	N
1.....	145	ISTH20DIP-1	IC SKT, 20PIN, DIP, TH, 0.3"RS U12	1	EA	N	N
1.....	150	IPIM2319-1	IC, PROG, PALCE16V8H-10PC/4, 2319, 20PIN DIP U12	1	EA	N	N
2.....	5	ICIMP-PALCE16V8H-1-2	IC, PROG LOGIC, CMOS, 10NS, 20PIN DIP, SKT MNT	0	EA	N	N
2.....	10	SFXM2319-1	SOFTWARE, PROM, ZA11046, ZA11282 ZA11308	0	EA	N	N
1.....	154	ICSMA-ITT002AB-1	IC, ANALOG, SPDT RF SWITCH, SOIC-8, SM U5, U24	2	EA	N	N
1.....	155	ICSMD-MAX483CSA-1	IC, DIGITAL, RS-485/422 XCVR, SO-8, SM U4	1	EA	N	N
1.....	160	ICSME-NM93C46AM8-1	IC, EEPROM, CMOS, 3-WIRE, 1k-BIT, X8/X16, 4.5-5.5V, 1MHz, SO-8, SM U3	1	EA	N	N
1.....	165	ICSMM-MC68340PV16-1	IC, MICRO PROC, 32BIT, 144PIN, PLASTIC QFP, SM U1	1	EA	N	N
1.....	170	IPSM2841-1	IC, PROG, PIC16F876-20/SO, 2841, SOIC-28, SM U15	1	EA	N	N
2.....	5	ICSMM-PIC16F876-20-1	IC, MICRO PROC, 8-BIT, 384MB FLASH, 20MHZ, SOIC-28, SM	1	EA	N	N
2.....	10	SFXM2841-1	SOFTWARE, PROM, ZA11282	1	EA	N	N
1.....	175	ICSMR-SRAM1MB-70SL-1	IC, STATIC RAM, 70NS, 128KX8,	4	EA	N	N

SUPER LOW PWR, SOP32-P-525, SM
U7,U8,U10,U11

1.....	180	ICSMV-LM2594M-5-1	IC, VOLT REG, 5V, STEP-DOWN REG, 0.5A, 150KHZ, SO-8, SM U16	1	EA	N	N
1.....	185	ICSMV-LT1761CS5-3-1	IC, VOLT REG, 3.3V, 0.1A, LOW DROPOUT, MICROPWR, 5PIN SOT-23 U14	1	EA	N	N
1.....	190	ICTH0-DS1233D-10-1	IC, CPU RESET, T0-92, TH U2	1	EA	N	N
1.....	195	JHHP1000P04DR-14	CONN, HEADER, 4PIN, DBL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH P1	1	EA	N	N
2.....	5	JHHP1000P36DR-14	CONN, HEADER, 36PIN, DBL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH Memo: CUT INTO 9 PIECES 8PIN	1	EA	N	N
1.....	200	JHHP1000P05DR-14	CONN, HEADER, 5PIN, DBL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH P2	1	EA	N	N
2.....	5	JHHP1000P36DR-14	CONN, HEADER, 36PIN, DBL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH Memo: CUT INTO 7 PIECES 10PI	1	EA	N	N
1.....	210	JHHP197RS04SR-1	CONN, HEADER, 4PIN, SGL ROW, 0.197"LS, BOX RTANGL PIN, TH J3	1	EA	N	N
1.....	215	JMRPTH RJ11-6-1	CONN, TELE, RJ11-6, 6POS-6PIN, 2 RECPT, TH, RTANGL, MODULAR JACK J1, J2	2	EA	N	N
1.....	220	JPRPDCTHSD-1	CONN, POWER, DC, RECPT, TH, SOLDER, 2.5MM PIN J4	1	EA	N	N
1.....	223	JHHP1000P06SR-15	CONN, HEADER, 6PIN, SGL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH P5	1	EA	N	N
2.....	5	JHHP1000P36SR-15	CONN, HEADER, 36PIN, SGL ROW, 0.1"LS, 0.23"PIN L, STRGHT, TH Memo: CUT INTO 6 PIECES 6PIN	1	EA	N	N
1.....	225	LMTATR-0R2350-1	LED MOUNT, T1-3/4, FLUSH MNT, NYLON, NATURAL COLOR DS1-DS5	5	EA	N	N
1.....	230	LDT1GRN-1	LED, GRN DIFFUSED, T-1, WIRE LEADS, ROUNDED DS1	1	EA	N	N
1.....	235	LDT1RED-1	LED, RED DIFFUSED, T-1, WIRE LEADS, ROUNDED	3	EA	N	N

DS3, DS4, DS5

1.....	240 LDT1YEL-1	LED, YEL DIFFUSED, T-1, WIRE LEADS, ROUNDED DS2	1	EA	N	N
1.....	245 LFSM100RNH-2	IND, SM, 100NH, 5%, 0.115"LX 0.110"W, CER, HIGH FREQ L5	1	EA	N	N
1.....	246 LFSM12R0NH-1	IND, SM, 12NH, 5%, 0.115"LX 0.110"W, CER, HIGH FREQ L9	1	EA	N	N
1.....	250 LFSM150RUH-2	IND, SM, 150UH, 20%, 0.51"LX 0.37"W, POWER L6	1	EA	N	N
1.....	255 LFSM47R0UH-2	IND, SM, 47UH, 20%, 0.51"LX 0.37"W, POWER L1	1	EA	N	N
1.....	260 LFSM56R0NH-1	IND, SM, 56NH, 5%, 0.070"LX 0.050"W, CER, HIGH FREQ L4	1	EA	N	N
1.....	265 MMH0-3	HDW, METAL, OTHER. TERMINAL, TEST POINT, 0.032"D TP1, TP4, TP5	3	EA	N	N
1.....	269 QQSMF-2N7002-1	XSTR, SM, NFET, 2N7002, SOT-23 Q14	1	EA	N	N
1.....	270 QQSMN-2N2222-1	XSTR, SM, NPN, 2N2222, SOT-23 Q2, Q3	2	EA	N	N
1.....	271 QQSMN-MMBR911LT1-1	XSTR, SM, NPN, MMBR911LT1, SOT-23 Q12	1	EA	N	N
1.....	275 QQTHP-TN6726A-1	XSTR, TH, PNP, TN6726A, TO-226 Q1	1	EA	N	N
1.....	280 RFSM000-1	RES, SM, 0R, 1/10W, 0%, 0805, TF R5, R47, R86, R87, R94	5	EA	N	N
1.....	285 RFSM101J-1	RES, SM, 100R, 1/10W, 5%, 0805 TF R33	1	EA	N	N
1.....	290 RFSM102J-1	RES, SM, 1K, 1/10W, 5%, 0805, TF R46	1	EA	N	N
1.....	295 RFSM103J-1	RES, SM, 10K, 1/10W, 5%, 0805, TF R8, R17, R24, R27, R42, R93, R96, R101	8	EA	N	N

1.....	300 RFSM104J-1	TF	RES, SM, 100K, 1/10W, 5%, 0805 4	EA N N
			R19,R34-R36	
1.....	305 RFSM106J-1	TF	RES, SM, 10M, 1/10W, 5%, 0805, 1	EA N N
			R2	
1.....	306 RFSM121J-2	TF	RES, SM, 120R, 1/10W, 5%, 0805 1	EA N N
			R89	
1.....	315 RFSM206J-1	TF	RES, SM, 20M, 1/10W, 5%, 0805, 1	EA N N
			R4	
1.....	320 RFSM273J-2	TF	RES, SM, 27K, 1/10W, 5%, 0805, 4	EA N N
			R21,R32,R92,R102	
1.....	325 RFSM274J-1	TF	RES, SM, 270K, 1/10W, 5%, 0805 2	EA N N
			R38,R39	
1.....	330 RFSM330J-1	TF	RES, SM, 33R, 1/10W, 5%, 0805, 1	EA N N
			R6	
1.....	335 RFSM333J-2	TF	RES, SM, 33K, 1/10W, 5%, 0805, 1	EA N N
			R41	
1.....	340 RFSM392J-2	TF	RES, SM, 3.9K, 1/8W, 5%, 1206, 1	EA N N
			R18	
1.....	345 RFSM394J-1	TF	RES, SM, 390K, 1/10W, 5%, 0805 2	EA N N
			R3,R31	
1.....	350 RFSM470J-2	TF	RES, SM, 47R, 1/10W, 5%, 0805, 4	EA N N
			R7,R16,R22,R23	
1.....	355 RFSM471J-1	TF	RES, SM, 470R, 1/10W, 5%, 0805 6	EA N N
			R1,R11-R15	
1.....	357 RFSM472J-1	TF	RES, SM, 4.7K, 1/10W, 5%, 0805 1	EA N N
			R25	
1.....	360 RFSM562J-1	TF	RES, SM, 5.6K, 1/10W, 5%, 0805 1	EA N N
			R30	
1.....	361 RFSM822J-1	TF	RES, SM, 8.2K, 1/10W, 5%, 0805 1	EA N N
			R91	

1.....	362 RFSM823J-2	RES, SM, 82K, 1/8W, 5%, 0805,	1	EA	N	N
	TF					
		R103				
1.....	370 RNSM103-04I-1	RES NTWK, SM, 10K, 8PIN,	2	EA	N	N
	4 RES, ISOLATED					
	RN1,RN2					
1.....	371 RNSM330-08I-1	RES NTWK, SM, 33R, 16PIN,	3	EA	N	N
	8 RES, ISOLATED					
	RN3,RN4,RN5					
1.....	375 YFTHEMI-2	FILTER, EMI, 470PF, 50V, 5A,	3	EA	N	N
	10%, TH					
	F1,F2,F4					
1.....	380 YFTHEMI-4	FILTER, EMI, 2200PF, 100V, 5A,	2	EA	N	N
	+20-30%, TH					
	F3,F5					
1.....	385 YYCYTH20R00000-1	XTAL, 20MHZ, HC49US, 18-20PF,	1	EA	N	N
	OT=F, 0.19"LS, 0138"H, ULP					
	Y3					
1.....	390 INWAT0-SD-2	INSULATOR, CRYSTAL, 0.465"LX,	2	EA	N	N
	0.219"WX0.005"T, MYLAR					
	Y2,Y3					
1.....	393 WCUSJU02-2	WIRE, SHUNT/JUMPER, BERG STIX,	1	EA	N	N
	2POS, 0.100" SPACING, 0.298"H	Memo: MOUNT BETWEEN PINS 5 &				
1.....	395 YYCYTH3R686400-2	XTAL, 3.6864MHZ, HC49US, 18-20	1	EA	N	N
	PF, OT=F, 0.19"LS, 0.138"H,ULP					
	Y2					
1.....	400 YYCYTHR0327680-2	CRYSTAL, STANDARD, 32.768KHZ,	1	EA	N	N
	C-26,12PF, PARLL,OT=F,0.028"LS	Memo: SECURE TO PCB W/ AHSI-				
	Y1					
1.....	415 S004-40-0R2500-7	STANDOFF, 1/4"L, 04-40, RSWG,	1	EA	N	N
	0.250"OD, 0.105"SWL, BRASS,NKL	Memo: MOUNT PER ASSY DWG				
	AN1					
1.....	430 MTS02592-1	METAL, SHIELD, FOR RF, 25 GA	1	EA	N	N
	CRS, TINNED, 1.5"LX2.5"WX0.5"H					

End-of-Report. 1 revision(s) Printed. Memo: Please forward printout to clifford