

Multi-Level Bills of Material				14:11:40 14 JUN 1999 Requested by engineer Page 1												
Description		Qty/Assy	UM	IT	Rt	Scr	PBT	Rv	LT	RTG	ECO	Number	ECO	Note	Reference	Designator
S					Nbr	%	HNP	Lv	Off	Seq						
0	RF835	P WIRELESS DUAL		EA	FG											
1	 40146	P ASM-RF835 -MECH	1.00	EA	SA	200		1		200						
2	 16556	A BTRY-"AA" SIZE DURA-CELL	4.00	EA	PP	91		1		91						
2	 19301D	A LBL-PRODUCT SHIPPING	1.00	EA	PP	91		B1		91						
2	 22605G	A ENC COVER (DS707)	1.00	EA	PP	91		1		91						
2	 22640C	A LBL-DS INC.-USA GP	1.00	EA	PP	91		B1		91						
2	 22946	A PROG PLUG	2.00	EA	PP	91		1		91						FOR P1 & P2
2	 23199B	A BOX-2.9375 x 2.5 x 5.875	1.00	EA	PP	91		1		91						
2	 25371B	A HARDWARE-PURCH ASSM	1.00	EA	PA	91		1		91						
3	 12041	E PBG- 2X 3. X 4.	0.00	EA	PP			B2			8843					
3	 15053	A ANCHOR (8-10 x 7/8)	0.00	EA	PP			B2			8843					
3	 19777	A SRW-TF #4X0.312PHP-ST PLT	0.00	EA	PP			B2			8843					
3	 24584D	A SRW-SM #6x1.250F2P-STZPLT	0.00	EA	PP			B2			8843					
2	 27620D	A SRW-MS632x0.290PHC-STBLKO	1.00	EA	PP	60		1		60						
2	 27691D	A LIGHT PIPE (DS730)	1.00	EA	PP	91		1	D	91						
2	 27811C	A SRW-MS M5x5 SH -STZPLT	1.00	EA	PP	60		B1		60						
2	 27829B	A SRW-TF424x0.250RHP-STZPLT	2.00	EA	PP	90		1		90						
2	 27924C	A SPRING-DS926 TAMPER	1.00	EA	PP	91		1		91						
2	 29692D	A ANTENNA, 319 MHZ DS924i	1.00	EA	PP	60		1		60						
2	 29896B	A BOX-PCB 16.06x12.12x2.13	0.04	EA	PP	91		1		91	2476					
2	 30308D	A LENS HOLDER (DS835)	1.00	EA	PP	91		1		91						
2	 30522B	E DWG-DS8/9xx 10.525 FREQ	0.00	EA	DR	85		2		85						
2	 30790B	A LBL-DS835 LOOKDOWN MASK	1.00	EA	PP	91	.1	1		91						
2	 31525B	A KNOB-POT THUMB WHEEL	1.00	EA	PP	91		1		91						
2	 32920B	A LENS-FR/GI-OPQBE-STD-OL82	1.00	EA	PP	91		1		91						
2	 34594C	A ENCLOSURE BASE (RF835)	1.00	EA	PP	90		1		90						
2	 34595C	A MOUNTING BASE (RF835)	1.00	EA	PP	91		1		91						
2	 35611C	A BATTERY HOLDER, 4AA(RF835)	1.00	EA	PP	90		1		90						
2	 38182B	A RF835 BATTERY INSULATOR	1.00	EA	PP	91		1		91	2504					
2	 40141B	E DWG-RF835 GP LBL INFO	0.00	EA	DR	91		2		91						
2	 40142A	P INGUIDE (RF835)	1.00	EA	PP	91		1		91						
2	 40144	P ASM-RF835 -PCSM	1.00	EA	SA	50		1		50						
3	 16141	A CAP-CC- .001M- 50V-K-SMR	3.00	EA	PP	20		1		20						C13, C22, C47
3	 16142	A CAP-CC- .01M- 50V-K-SMR	5.00	EA	PP	20		1		20						C4, C20, C30, C46, C55
3	 16143	A CAP-CC- 100P- 50V-K-SMR	4.00	EA	PP	20		1		20						C6, C32, C34, C49
3	 19935	A DIO-RLS4153 -SI .1A 50VSM	14.00	EA	PP	20		1		20						D1, D4, D5, D7, D8, D11
																D12, D13, D16, D17, D18
																D19, D20, D21
3	 20067C	A CAP-AL- 22M- 10V-K-RTP	2.00	EA	PP	20		1		20						C28, C38
3	 20688C	A IC(40106)HEX SHMT TRGR SM	1.00	EA	PP	20		1		20						U6
3	 20711B	A CAP-CC- 27P- 50V-J-SMR	2.00	EA	PP	20		1		20						C33, C37
3	 20990	A TRA-MMST5089-NPN-SI- SM	12.00	EA	PP	20		1		20						Q5, Q10, Q11, Q14, Q15
																Q16, Q17, Q19, Q20, Q22
																Q24, Q25
3	 21126	A SW-LVR-SPST-30VDC .05A	1.00	EA	PP	40		1		40						SW1
3	 21213	A CAP-CC- 15P- 50V-J-SMR	3.00	EA	PP	20		1		20						C29, C59, C62
3	 21214	A CAP-CC- 47P- 50V-J-SMR	3.00	EA	PP	20		1		20						C42, C43, C44
3	 21216	A TRA-2N7002 V-FET	1.00	EA	PP	20		1		20						Q9
3	 21282D	A CAP-CC- 270P- 50V-J-SMR	2.00	EA	PP	20		1		20						C24, C31
3	 22017B	A CAP-CC- 10P- 50V-D-SMR	1.00	EA	PP	20		1		20						C61
3	 22301	A CAP-TA- 1M- 10V-K-SMR	3.00	EA	PP	20		1		20						C11, C23, C60
3	 22584C	A CAP-AL- 100M-6.3V-K-RTP	7.00	EA	PP	20		1		20						C9, C19, C21, C51, C52
																C53, C54
3	 22642	A RES-TF-0.1W- 1K-J-SMR-N	1.00	EA	PP	20		1		20						R36
3	 22644	A RES-TF-0.1W- 1.5K-J-SMR-N	2.00	EA	PP	20		1		20						R133, R137
3	 22646	A RES-TF-0.1W- 2.2K-J-SMR-N	1.00	EA	PP	20		1		20						R35
3	 22647	A RES-TF-0.1W- 2.7K-J-SMR-N	1.00	EA	PP	20		1		20						R2
3	 22648	A RES-TF-0.1W- 3.3K-J-SMR-N	1.00	EA	PP	20		1		20						R138
3	 22650	A RES-TF-0.1W- 4.7K-J-SMR-N	3.00	EA	PP	20		1		20						R7, R13, R117
3	 22654	A RES-TF-0.1W- 10K-J-SMR-N	8.00	EA	PP	20		1		20						R3, R24, R25, R116, R130
																R131, R139, R140
																R44, R45, R47
3	 22656	A RES-TF-0.1W- 15K-J-SMR-N	3.00	EA	PP	20		1		20						

3.....	22658	A RES-TF-0.1W- 22K-J-SMR-N	3.00	EA	PP	20	1	20	R16,R17,R42
3.....	22660	A RES-TF-0.1W- 33K-J-SMR-N	3.00	EA	PP	20	1	20	R15,R43,R53
3.....	22662	A RES-TF-0.1W- 47K-J-SMR-N	4.00	EA	PP	20	1	20	R106,R107,R118,R129
3.....	22665	A RES-TF-0.1W- 82K-J-SMR-N	1.00	EA	PP	20	1	20	R50
3.....	22667	A RES-TF-0.1W- 120K-J-SMR-N	3.00	EA	PP	20	1	20	R23,R30,R32
3.....	22668	A RES-TF-0.1W- 150K-J-SMR-N	1.00	EA	PP	20	1	20	R71
3.....	22674	A RES-TF-0.1W- 470K-J-SMR-N	4.00	EA	PP	20	1	20	R4,R5,R6,R9
3.....	22676	A RES-TF-0.1W- 680K-J-SMR-N	1.00	EA	PP	20	1	20	R21
3.....	22678	A RES-TF-0.1W- 1M-J-SMR-N	5.00	EA	PP	20	1	20	R10,R22,R26,R68,R70
3.....	22681	A RES-TF-0.1W- 2.2M-J-SMR-N	14.00	EA	PP	20	1	20	R34,R39,R40,R48,R49
									R52,R61,R62,R64,R65
									R66,R76,R114,R121
3.....	22962	A RES-TF-0.1W- 220 -J-SMR-N	2.00	EA	PP	20	1	20	R37,R72
3.....	23162B	A IC(LM346)4 PROG OP AMP SM	1.00	EA	PP	20	1	20	U7
3.....	23480	A TRA-MMBT4401-NPN-SI-SS-SM	2.00	EA	PP	20	1	20	Q12,Q13
3.....	23481	A TRA-MMBT4403-PNP-SI-SS-SM	1.00	EA	PP	20	1	20	Q3
3.....	23532B	A CAP-CC- 2.2P- 50V-C-SMR	1.00	EA	PP	20	1	20	C56
3.....	23703	A CAP-CC- 180P- 50V-J-SMR	1.00	EA	PP	20	1	20	C17
3.....	24021B	A RES-TF-0.1W- 20 -J-SMR-N	1.00	EA	PP	20	1	20	R141
3.....	24402B	A RES-TF-0.1W- 150 -J-SMR-N	1.00	EA	PP	20	1	20	R8
3.....	24462B	A TRA-MMBT5087L-PNP-SI	4.00	EA	PP	20	1	20	Q1,Q2,Q6,Q18
3.....	24830B	A CAP-CC- 4.7P- 50V-J-SMR	1.00	EA	PP	20	1	20	C5
3.....	25040B	A RES-TF-0.1W- 10 -J-SMR-N	2.00	EA	PP	20	1	20	R1,R75
3.....	25042B	A RES-TF-0.1W- 100 -J-SMR-N	1.00	EA	PP	20	1	20	R123
3.....	25084B	A CAP-AL- 10M- 16V-M-RTP	5.00	EA	PP	20	1	20	C10,C18,C27,C35,C36
3.....	25086B	A CAP-AL- 4.7M- 16V-M-RTP	3.00	EA	PP	20	1	20	C14,C25,C26
3.....	25339B	A SW-TAMPER	1.00	EA	PP	40	1	40	SW2
3.....	25434C	A CAP-CC- 470P- 50V-J-SMR	1.00	EA	PP	20	1	20	C3
3.....	26081B	A RES-TF-0.1W- 4.7M-J-SMR-N	1.00	EA	PP	20	1	20	R14
3.....	26082B	A RES-TF-0.1W- 10M-J-SMR-N	17.00	EA	PP	20	1	20	R18,R19,R20,R27,R28
									R38,R41,R51,R54,R57
									R58,R78,R109,R110
									R112,R128,R135
3.....	26673B	A TRA-GaAs X-BAND FET	1.00	EA	PP	20	1	20	Q99
3.....	26674D	A CERAMIC RESONATOR-MW	1.00	EA	PP	40	1	40	Y99
3.....	26707B	A CAP-CC- .1M- 50V-M-SM	6.00	EA	PP	20	1	20	C1,C2,C16,C45,C58
									C89
3.....	26714B	A CAP-CC- 18P- 50V-J-SM	1.00	EA	PP	20	1	20	C8
3.....	27829B	A SRW-TF424x0.250RHP-STZPLT	2.00	EA	PP	40	1	40	
3.....	27896B	A COIL-82nH-10%	2.00	EA	PP	20	1	20	L1,L3
3.....	27897B	A COIL-68NH	1.00	EA	PP	20	1	20	L2
3.....	28599C	A AUTOPIN HEADER .470 INCH	5.00	EA	PP	30	1	30	P1,P2
3.....	29621B	A LED-HI EFF. BI-COLOR	1.00	EA	PP	40	1	40	LED1
3.....	29927B	A DIO-SCHOTTKY X-BAND	1.00	EA	PP	20	1	20	D99
3.....	30003B	A RES-TF-0.1W- 6.8M-J-SMR-N	7.00	EA	PP	20	1	20	R29,R31,R33,R55,R101
									R111,R122
3.....	30048B	A RES-TF-0.1W- 5.1M-J-SMR-N	1.00	EA	PP	20	1	20	R56
3.....	30307C	A DETECTOR MOUNT (DS835)	1.00	EA	PP	40	1	40	
3.....	30478B	A RES-TF-0.1W- 221K-F-SMR-N	1.00	EA	PP	20	1	20	R11
3.....	30781B	A RES-TF-0.1W- 825K-F-SMR-D	1.00	EA	PP	20	1	20	R12
3.....	32116B	A THERM-10K 5%	1.00	EA	PP	30	1	30	TH1
3.....	32575B	A RES-TF-0.1W-2.21M-F-SMR-D	1.00	EA	PP	20	1	20	R46
3.....	33090B	A TRA-MMBR911LT1-NPN-SI-RF	1.00	EA	PP	20	1	20	Q27
3.....	34045C	A DTR DSI-2	1.00	EA	PP	40	1	40	DET1
3.....	34169B	A TRA-MMBTH10 -NPN-SI-RF	1.00	EA	PP	20	1	20	Q26
3.....	34999C	A PGMD IC-RF835 -REV C	1.00	EA	MP	19	1	19	U3 (PROG FROM 32782)
4....	29474B	A LBL-16PIN SOL PROGRAMMER	1.00	EA	PP	.1	B1		
4....	32782B	A IC(PIC16C711)UNPROGRAMMED	1.00	EA	PP		1		
4....	36355C	A EXEC.CODE-RF835 REV.C	0.00	EA	DR		2		
3.....	35360B	A POT-CC-1/6W- 200K-M-SHAFT	1.00	EA	PP	40	1	40	R134
3.....	35361B	A IC(S81240PG-PJ)VOLT REG	1.00	EA	PP	20	1	20	U8
3.....	35580B	A CAP-AL- 4.7M- 16V(25086B	1.00	EA	MP	30	1	30	C15
4....	25086B	A CAP-AL- 4.7M- 16V-M-RTP	1.00	EA	PP		1		
3.....	36511B	A CAP-CC-4700P-50V-K-SMR	1.00	EA	PP	20	1	20	C12
3.....	36905B	A CAP-CC 0.5P-50V-B-SMR	2.00	EA	PP	20	1	20	C90,C99
3.....	37043B	A RESONATOR 304.000MHZ SM	1.00	EA	PP	20	1	20	Y1
3.....	38188B	A RES-TF-0.1W-4.75M-F-SMR	1.00	EA	PP	20	1	20	R77

3.....	38352C	E SCHEMATIC (RF835-DSI)	0.00	EA	DR	40	1	40
3.....	38353C	A P.C.BOARD (RF835-DSI)	1.00	EA	PP	20	1	20
3.....	38938B	A TRA-J177-J-FET-SOT23	1.00	EA	PP	20	1	20
3.....	40143A	E BLOCK DIAGRAM (RF835)	0.00	EA	DR	40	2	40
3.....	40673A	P PGMD IC-RF835 RF -VX.XX	1.00	EA	MP	19	1	19
4....	39992B	A IC(PIC12C508A)UNPROGRAMMD	1.00	EA	PP		2	
4....	40674A	P EXEC.CODE-RF835 RF -VX.XX	0.00	EA	DR		2	
2.....	40154B	A LBL-RF835 BATTERY	1.00	EA	PP	91	1	91

Q4

U2 (PROG ON 39992B)