



Cellular Specialties, Inc.

670 N COMMERCIAL STREET, Manchester NH 03101

# B.O.M.

## PCB ASSY, <sup>TITLE</sup>AS-100, PCS2000

NUMBER  
PL-010-2010-001

REV  
02

ITEM	DASH NO.	DASH NO.	DASH NO.	PART NUMBER	DESCRIPTION	MANUFACTURER PART No#	REF DES
			010-2010-001				
1			1	730-2010-001	PC BOARD, AS-110		
2			1	500-XXXX-XXX	SMT, DC POWER JACK	MOUSER ELEC. 163-0179	
3			1	305-XXXX-XXX	SMT, LED, ROUND LENS (GREEN)	MOUSER ELEC. 645-591-2301-002	
4			14	171-0805-101	CAPACITOR, 0805, 100pf	XICON #260-100/REEL (MOUSER)	C
5			1	110-0805-102	RESISTOR, CHIP, 0805 1K OHM	XICON #260-1K/REEL (MOUSER)	R1
6			5	172-06R3-3R3	CAPACITOR, SMT A , TANT, 3.3uf,	VISHAY 74-293D6.3V3.3	C
7			2	171-0805-4R7	CAPACITOR, 0805, 4.7 pf, 50V NPO	XICON 140-CC501N4.7C(MOUSER)	C7, 20
8			4	171-0805-3R3	CAPACITOR, 0805, 3.3pf	XICON 140-CC501N3.3C (MOUSER)	C8, 13, 16, 19
9			2	202-2012-3R3	INDUCTOR, 0805,3.3 nh	TOKO# LL2012-F3N3K	L3,L6
10			5	171-1206-104	CAPACITOR, 1206, 0.1 UF, 50V	.	C11, 28
11			4	202-2012-100	INDUCTOR, 0805, 100nh	TOKO LL2012-FR10K (ALLIED)	L1,2, 4, 5
12			2	272-2004-001	PCS LINEAR POWER AMPLIFIER	RFMD RF2146	U3, U6
13			4	272-9132-008	MMIC, RF AMPLIFIER	TRIQUINT TQ9132	U1,2,4,5
14			2	415-0088-096	DIPLEXER,	MURATA	FL1, FL2
15			1	410-0003-180	FILTER, UP LINK	MURATA	FL3
16			1	410-0003-190	FILTER, DOWN LINK	MURATA	FL4
17			3	410-2607-002	SAW FILTER, UP LINK (1880)	SAWTEK	FL5,6,7
18			3	410-2607-001	SAW FILTER, DOWN LINK (1960)	SAWTEK	FL8,9,10
19							
20							
21			REF	010-2010-001	PCB ASSEMBLY, 110 PCS		
22							
23							

DRAWN			REVISIONS				MODEL NO.	
B. Salkins	DATE	5/15/02	LTR	DESCRIPTION	DATE	APPROVED	AS-100, PCS2000	
CHECKED	DATE							
ENG.APPD.	DATE							

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# B.O.M.

TITLE

## ASSY, AS-100, PCS2000

NUMBER

PL-015-2010-001

REV

02

SHEET OF

ITEM	DASH NO.	DASH NO.	DASH NO.	PART NUMBER	DESCRIPTION	MANUFACTURER PART No#	REF DES
		015-2010-002	015-2010-001				
	QTY	QTY	QTY				
1		-	1	740-2010-001	HOUSING		
1		1	-	740-2019-001	HOUSING		
2		1	1	750-2010-001	COVER		
3		1	1	010-2010-001	PC BOARD ASSEMBLY		
4		2	2	560-0110-NPR	N PANEL MOUNT JACK	UG-58A/U (EAST COAST MICROWAVE)	
5		.	.	.	.		
6		.	.	.	.		
7		.	.	.	.		
8		12	12	770-0002-111	SCREW, 2-56 X .187 LG, 82 FLAT HEAD		
9		9	9	770-0004-250	SCREW, 4-40 X .25 LG, PAN HD W/ LOCK WASHER		
10		.	.	.	.		
11		.	.	.	.		
12		AR	AR	120-4002-20	SILICONE THERMAL GREASE	CIRCUIT WORKS 400-220	
13		.	.	.	.		
14		REF	REF	015-2010-001	MODULE ASSEMBLY		
15		REF	REF	TBD	OUTLINE AND SPECIFICATIONS		
16		.	.	.	.		
17		.	.	.	.		
18		.	.	.	.		
19		.	.	.	.		
20		.	.	.	.		
21		.	.	.	.		

### REVISIONS

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CHECKED	DATE		.	.			
ENG.APP'D.	DATE		.	.			
<i>B Salkins</i>	<i>5/15/02</i>		.	.			