

# WP1200 REFERENCE DESIGN

(D02-RM-00A)

**PAGE1**    **RF & PA (RF5189)**  
**PAGE2**    **RF2958**  
**PAGE3**    **WP1200**  
**PAGE4**    **PCMCIA INTERFACE**

PREVIOUS VERSION: DB-1-R0-F-AC DB611123.DSN

Rev1.0

08/04/2003: correct the pin names of RF2958  
correct the pin names of RF5189  
add C11, CA27, DA2  
change values: C2, C12, C13, C14, C15, C20, C21  
del: net GPIO\_0  
del: R8, C26

Rev1.0+

08/08/2003: change footprint of L4  
08/13/2003 change value: C2 4.7uF.

**NOTES :**

1. EEPROM SHOULD BE PROGRAMMED BEFORE LOADED.
2. RESISTER ARRAYS SHOULD BE ARRANGED FOR LAYOUT CONVINIENCE.
3. COMPONENTS LOADED WHEN ASSEMBLING WILL FOLLOW BOM.
4. PCMCIA CARD PACKAGE USE LOW VOLTAGE KEY

Copyright WavePlus Technology Co., Ltd.



**WavePlus Technology Co., Ltd**

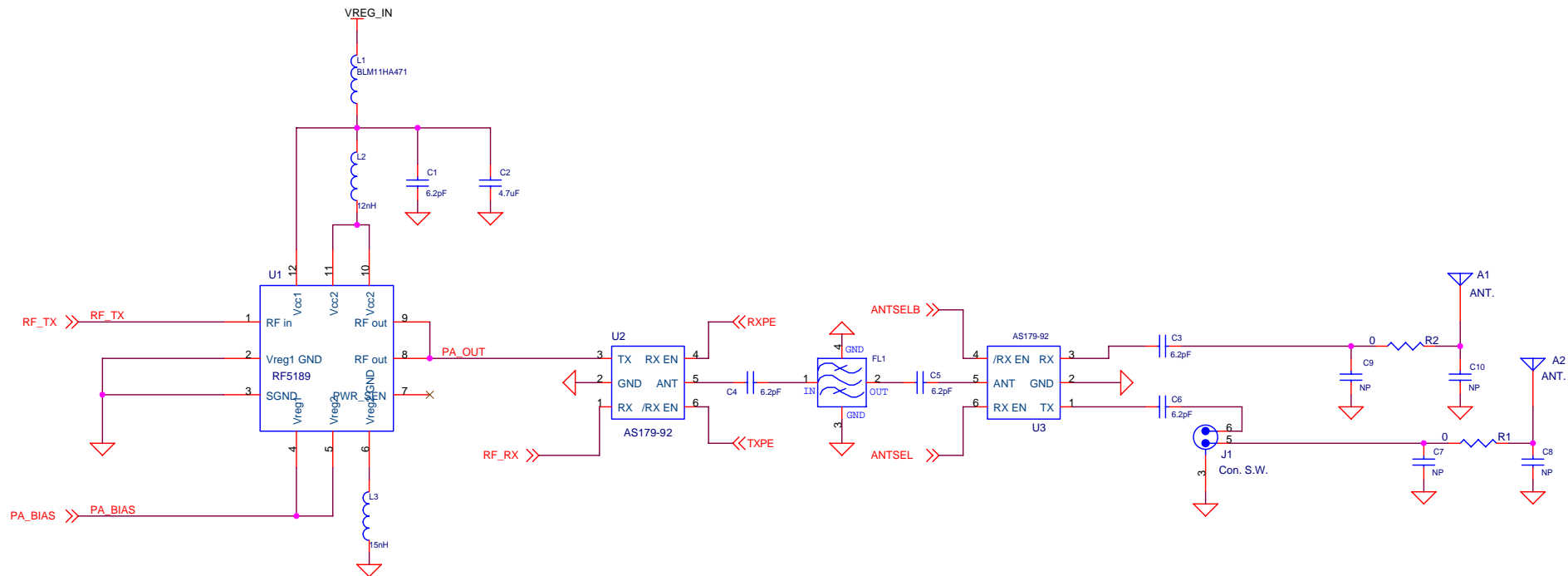
Addr: No.347,Hsin-Hu 2nd Rd.,Neihu,Taipei 114, Taiwan  
Tel:+886-2-87921856 Fax:+886-2-87922041  
E-mail:sales@waveplus.com  
Website:www.waveplus.com

Title

**PCMCIA Reference Board**


**Cover & Contents**

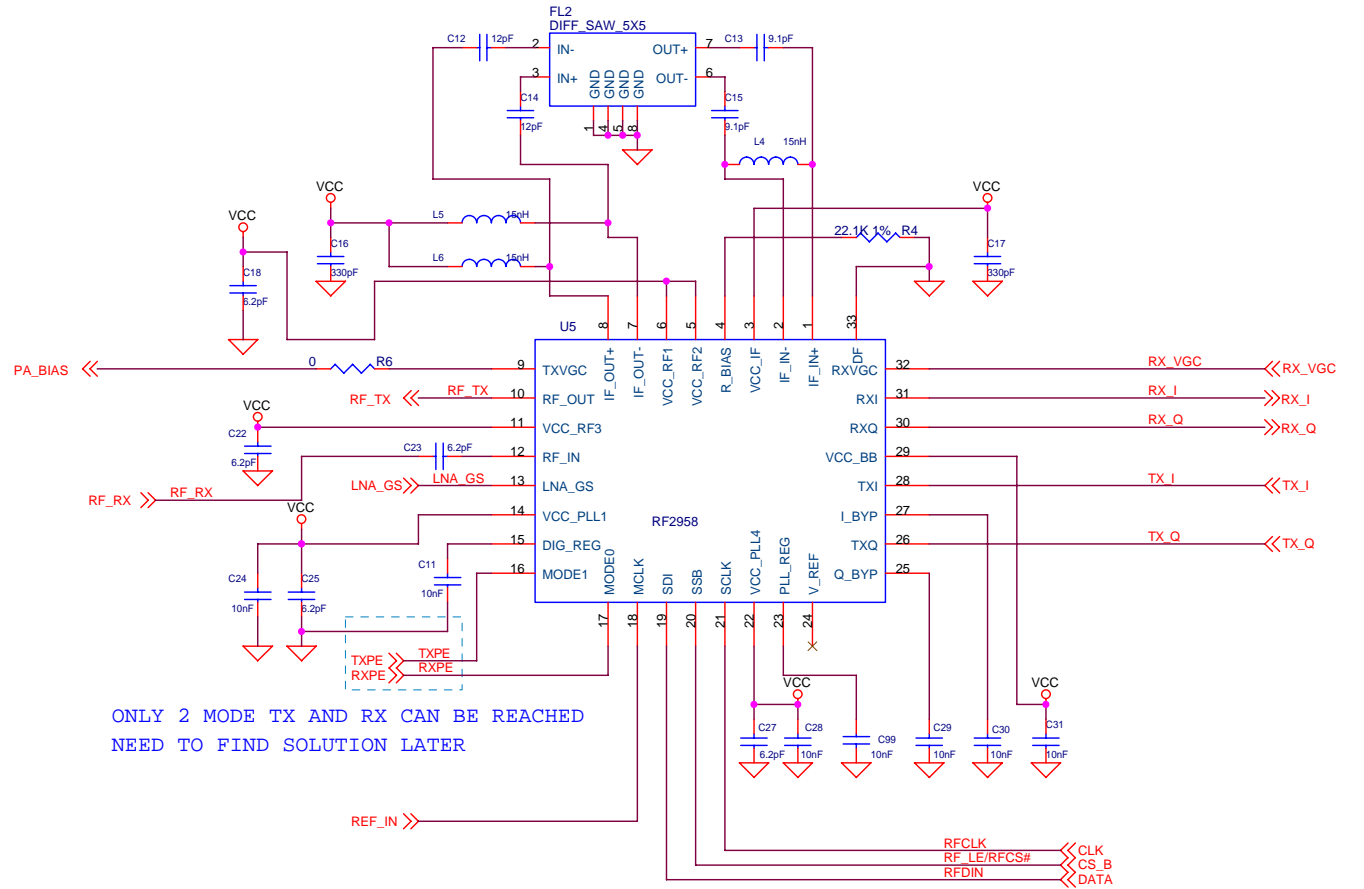
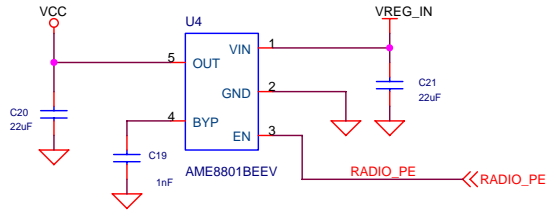
Size A	Document Number D02-RM-00A	Rev 1.0+
Date: Wednesday, August 13, 2003		Sheet 1 of 5



RF5189 PA and TX/RX and Diversity Switch

Copyright WavePlus Technology Co., Ltd.

 <b>WavePlus Technology Co., Ltd</b> Addr: No.347, Hsin-Hu 2nd Rd., Neihu, Taipei 114, Taiwan Tel:+886-2-87921856 Fax:+886-2-87922041 E-mail:sales@waveplus.com Website:www.waveplus.com		Title	
		<b>PCMCIA Reference Board</b> <b>RF5189</b>	
Size	Document Number	Rev	
B	<b>D02-RM-00A</b>	1.0+	
Date: Wednesday, August 13, 2003		Sheet 2 of 5	

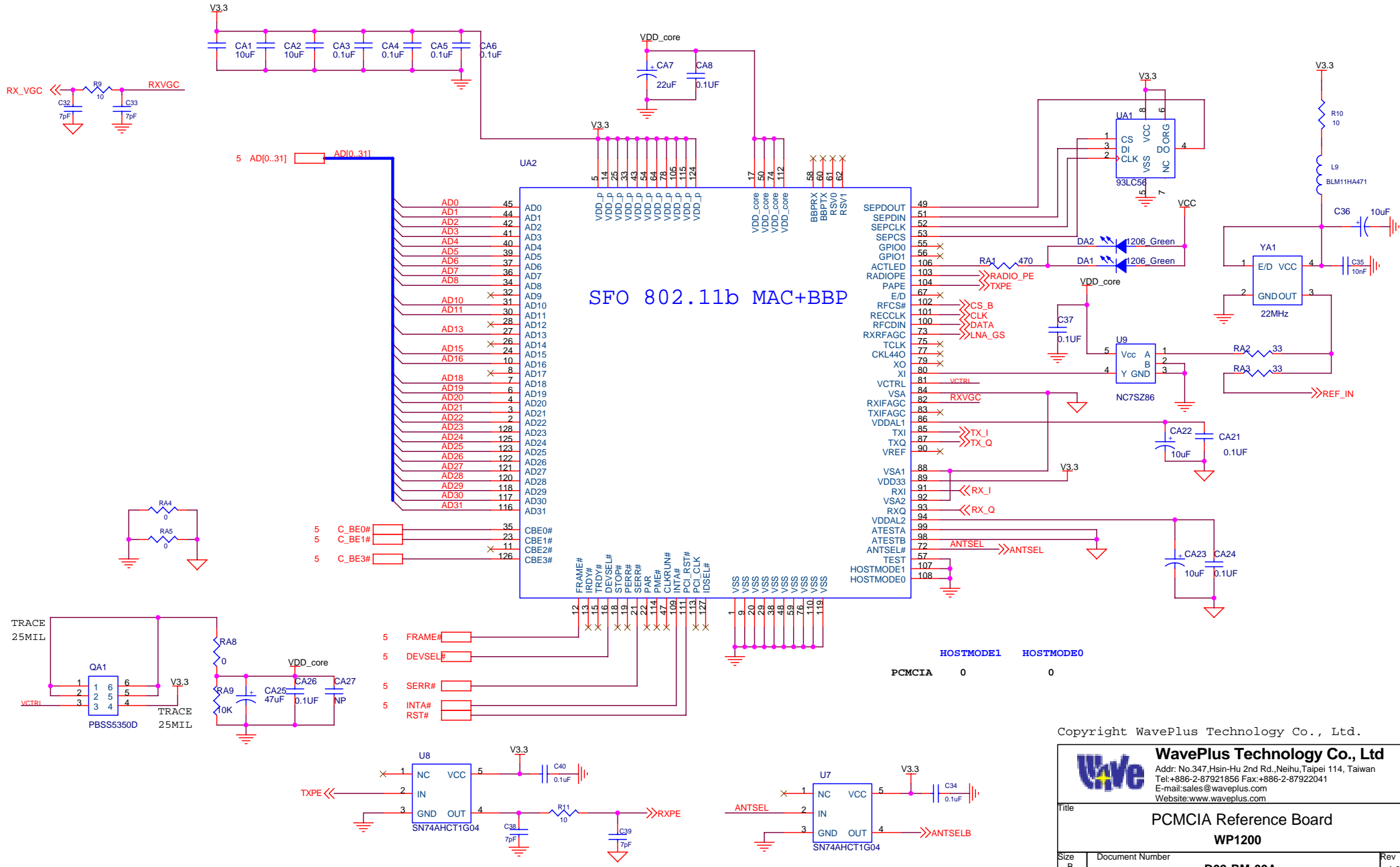


ONLY 2 MODE TX AND RX CAN BE REACHED  
NEED TO FIND SOLUTION LATER

Copyright WavePlus Technology Co., Ltd.

**WavePlus Technology Co., Ltd**  
 Addr: No.347, Hsin-Hu 2nd Rd., Neihu, Taipei 114, Taiwan  
 Tel: +886-2-87921856 Fax: +886-2-87922041  
 E-mail: sales@waveplus.com  
 Website: www.waveplus.com

Title		PCMCIA Reference Board RF2958	
Size	Document Number	Rev	
B	D02-RM-00A	1.0+	
Date: Wednesday, August 13, 2003		Sheet 3 of 5	



Copyright WavePlus Technology Co., Ltd.

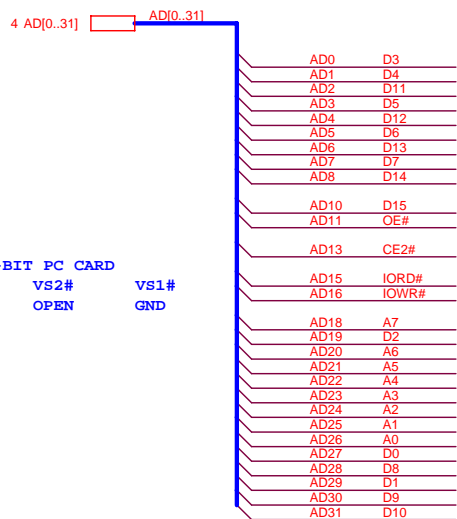
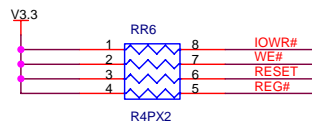
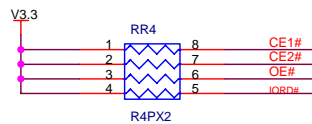
**WavePlus Technology Co., Ltd**  
 Addr: No.347, Hsin-Hu 2nd Rd., Neihu, Taipei 114, Taiwan  
 Tel:+886-2-87921856 Fax:+886-2-87922041  
 E-mail:sales@waveplus.com  
 Website:www.waveplus.com

Title  
**PCMCIA Reference Board  
 WP1200**

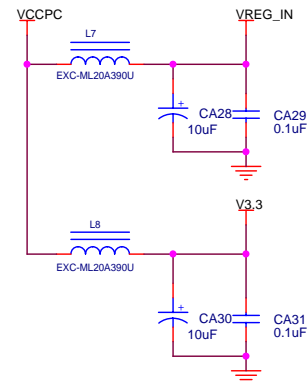
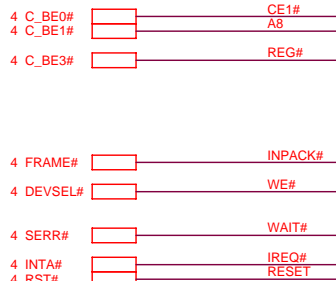
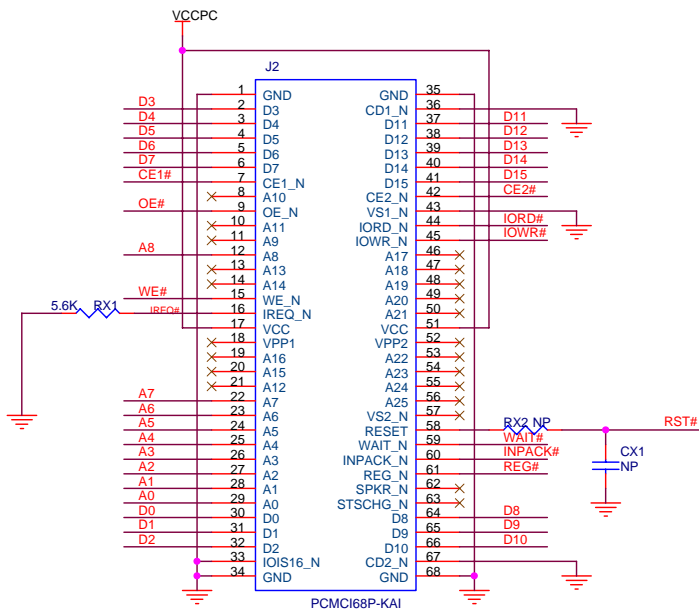
Size B	Document Number <b>D02-RM-00A</b>	Rev 1.0+
--------	--------------------------------------	-------------

Date: Wednesday, August 13, 2003 Sheet 4 of 5

CONNECTION TO RESISTOR ARRAYS  
SHOULD BE ADJUSTED WHEN LAYOUT  
TO ENSURE NO TRACES CROSSING.



PCMCIA : 3.3V 16-BIT PC CARD  
CD2# CD1# VS2# VS1#  
GND GND OPEN GND



Copyright WavePlus Technology Co., Ltd.

**WavePlus Technology Co., Ltd**  
 Addr: No.347,Hsin-Hu 2nd Rd.,Neihu,Taipei 114, Taiwan  
 Tel:+886-2-87921856 Fax:+886-2-87922041  
 E-mail:sales@waveplus.com  
 Website:www.waveplus.com

Title		PCMCIA Reference Board PCMCIA	
Size B	Document Number	D02-RM-00A	Rev 1.0+
Date: Wednesday, August 13, 2003		Sheet 5	of 5