
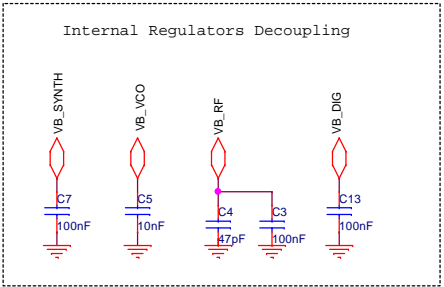
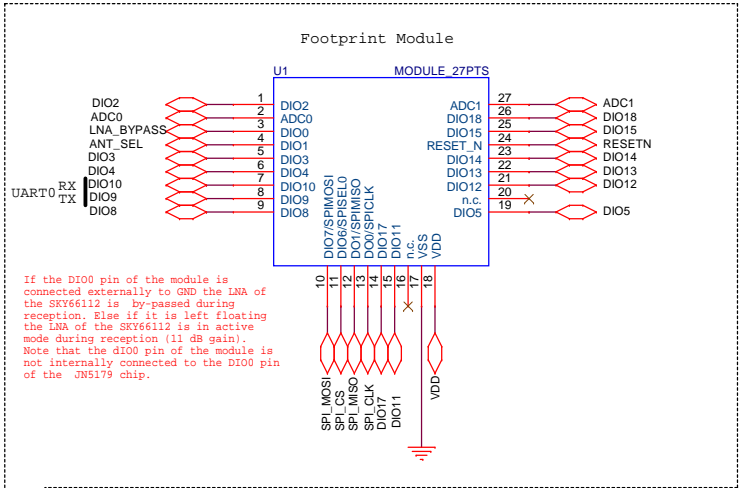
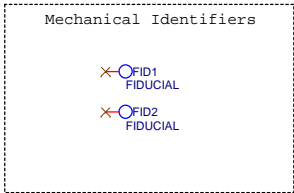



DATE	Rervision Number	Description
2016/02/18	1.0	Initial release
2016/03/08	1.1	U3 Symbol Modify as U3 Datasheet Definitions
2016/03/17	1.2	- JN5179-M06 product name changed in JN5179-001-M16 M16 = u.FL + Print Antenna selected by PA/LNA - PCB name changed to OM15062-1 - L1 value has changed from 4.3nH to 3.6nH - Pin20 of module is defined as NoConnect (instead of probe pin)
2016/03/17	1.3	Pin names of the JN5179 have been updated

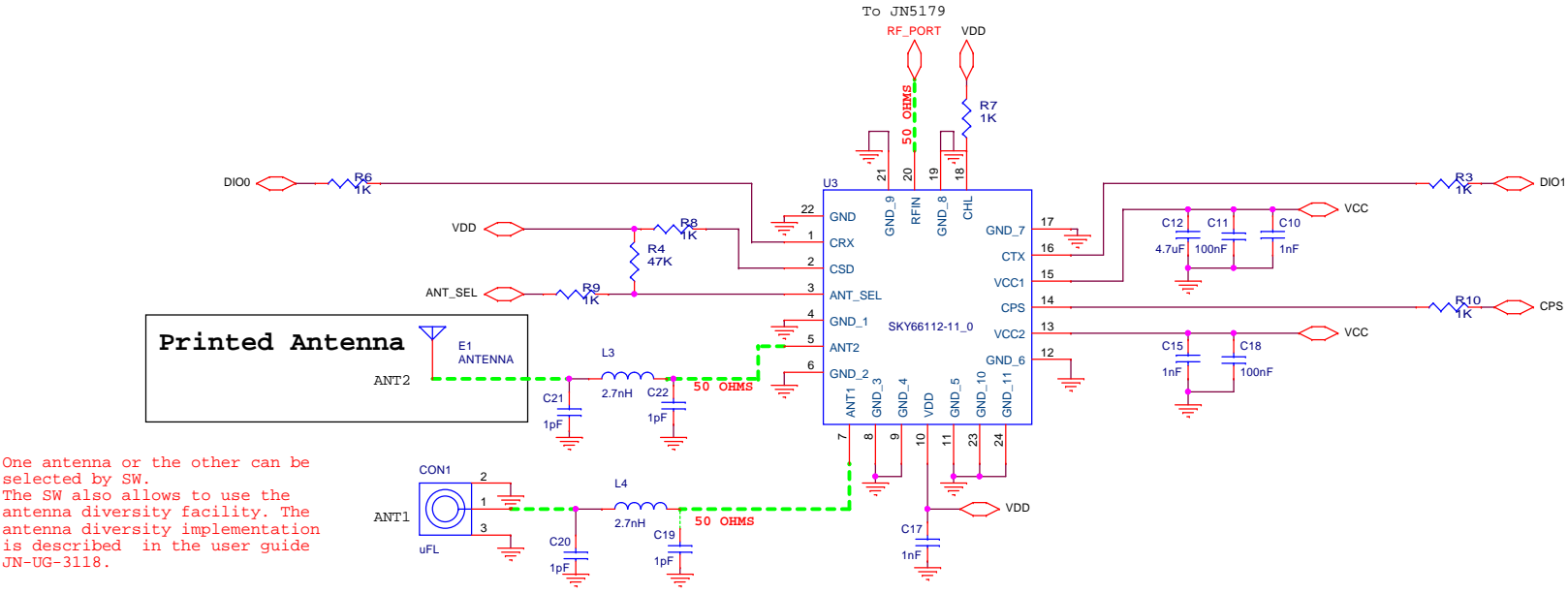
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Projext Name: JN5179  
Reference: OM15062-1

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TITLE : JN5179-M16 Module			
Document Number : JN5179-001-M16/OM15062-1			Rev. : 1.3
Prepared by : SPIL		Verified by : S. Morel	
Size : B	Date: Wednesday, September 28, 2016	Sheet :	1 of 3

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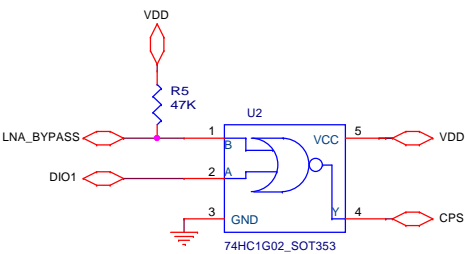
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Size: A3	Date: Wednesday, September 28, 2016		Sheet: 2	of 3

Front End Module



One antenna or the other can be selected by SW. The SW also allows to use the antenna diversity facility. The antenna diversity implementation is described in the user guide JN-UG-3118.

LOGIC



LOGIC INPUTS			LOGIC OUTPUTS				FEM STATE
LNA_Bypass	DIO0	DIO1	CSD Tie high	CRX =DIO0	CTX =DIO1	CPS =LNA_BYPASS NOR DIO1	
0	0	0	1	0	0	1	SLEEP
0	0	1	1	0	1	0	TX ON
0	1	0	1	1	0	1	RX BYP
0	1	1	1	1	1	0	N/A
1	0	0	1	0	0	0	SLEEP
1	0	1	1	0	1	0	TX ON
1	1	0	1	1	0	0	RX LNA
1	1	1	1	1	1	0	N/A

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