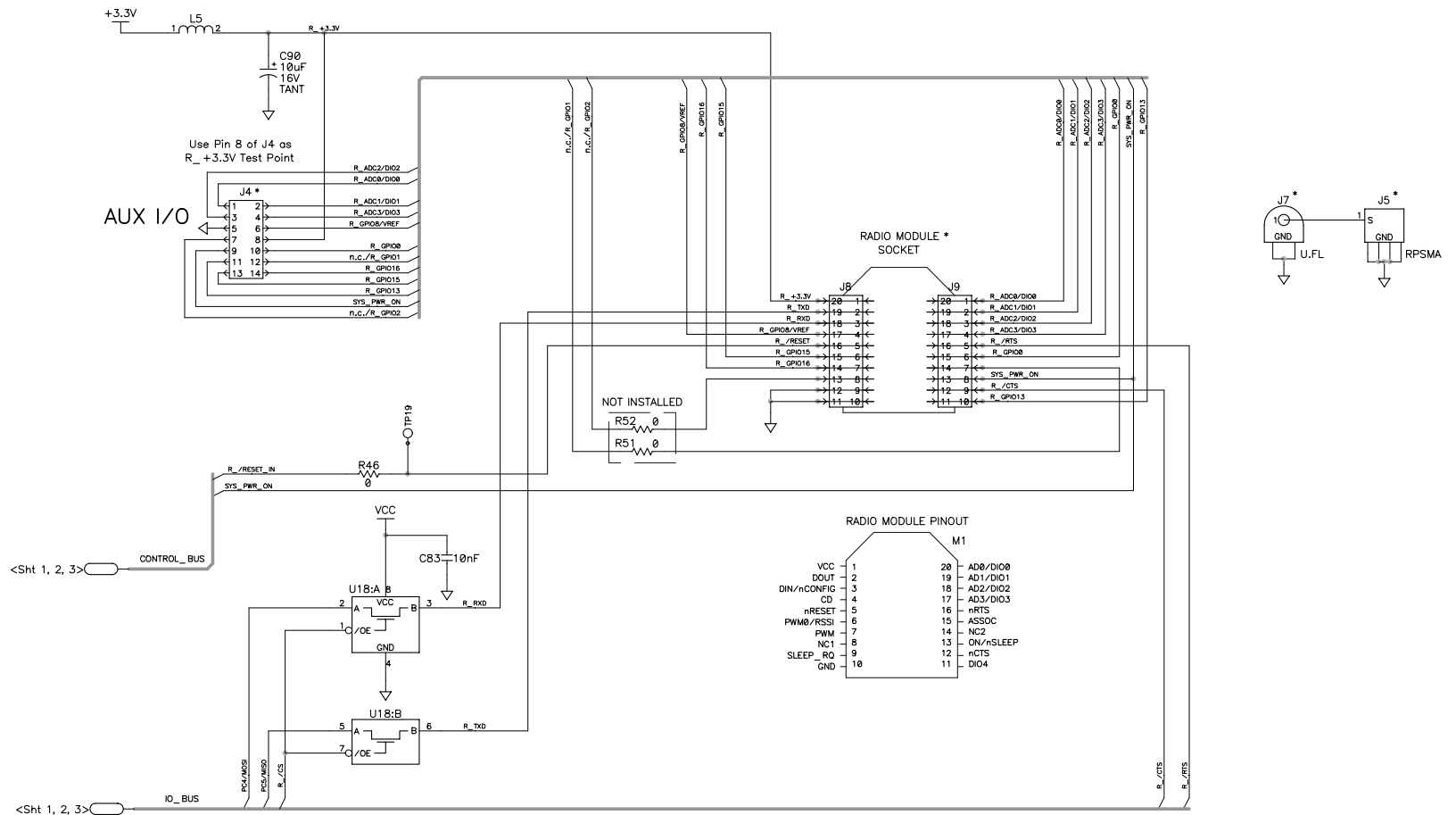


SEE STUFFING TABLE ON SHEET 5 FOR ADC/PORT D OPTIONS

SIZE	DWG NO.
B	090-0246
SCALE	NONE
REV LTR	E
SHEET	3 OF 5

802.15.4 RADIO



RCM4500W STANDARD CONFIGURATION OPTIONS	
OPTION	RCM4510W
SRAM	512K
FAST SRAM	NONE
FLASH	512K
TSOP NAND FLASH	NONE
BGA NAND FLASH	NONE
ADC/PORT D	PORT D
POWER CONTROL	YES
ANTENNA CONN.	NONE
ALT SIGNALS	PORT E [5..7]
AUX I/O	YES
RADIO MODULE	2.4GHz XBEE (see radio module options)

OPTION: FAST SRAM			
PART	NONE	512K	
U5	NOT INSTALLED	INSTALLED	
C30, C31, C32, C33	NOT INSTALLED	INSTALLED	

OPTION: TSOP NAND FLASH		
PART	NONE	32/64MB
U12, U13	NOT INSTALLED	INSTALLED
U16, C80, C81	NOT INSTALLED	NOT INSTALLED
R27, R28, R55, R56 R60, R61	NOT INSTALLED	INSTALLED
C49, C50, C51 Q7	NOT INSTALLED	INSTALLED

OPTION: BGA NAND FLASH		
PART	NONE	32/64MB
U12, U16	NOT INSTALLED	INSTALLED
U13, C49, C50	NOT INSTALLED	NOT INSTALLED
R27, R28, R55, R56 R60, R61	NOT INSTALLED	INSTALLED
C51, C80, C81 Q7	NOT INSTALLED	INSTALLED

OPTION: ADC/PORT D			
PART	PORT D	12 BIT	
U14	NOT INSTALLED	INSTALLED	
R32, R33, R34, R35, R36, R38	NOT INSTALLED	INSTALLED	
C52, C53, C54, C55, C56, C57, C58	NOT INSTALLED	INSTALLED	
L1	NOT INSTALLED	INSTALLED	
JP4, JP5, JP6, JP7, JP8, JP9, JP10, JP11	0 OHM (2-3)	0 OHM (1-2)	

OPTION: POWER CONTROL		
PART	YES	NO
Q1, Q2, Q3	INSTALLED	NOT INSTALLED
R4, R5, R29	INSTALLED	NOT INSTALLED
R1	NOT INSTALLED	INSTALLED
C29	INSTALLED	NOT INSTALLED
D1	INSTALLED	NOT INSTALLED

OPTION: ANTENNA CONNECTOR			
PART	NONE	RPSMA	
J5, J7	NOT INSTALLED	INSTALLED	

OPTION: ALT SIGNALS (SELECTS PIN 37-39 FUNCTION, PORTE[5..7] or SMODE0, SMODE1,STATUS)		
PARTS	PORT E [5..7]	PROG SIGNALS
JP1, JP2, JP3	0 OHM (1-2)	0 OHM (2-3)

OPTION: AUX I/O		
PART	YES	NO
J4	INSTALLED	NOT INSTALLED

OPTION: RADIO MODULE		
CORE MODULE	RADIO P/N	RADIO FIRMWARE
RCM4510W (ZNET)	101-1219	ZNET 2.5
RCM4510W (ZB)	101-1266	ZB