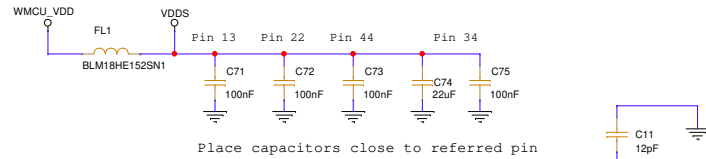
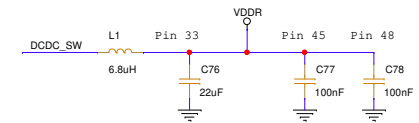


Wireless MCU IO block placed on page 2.

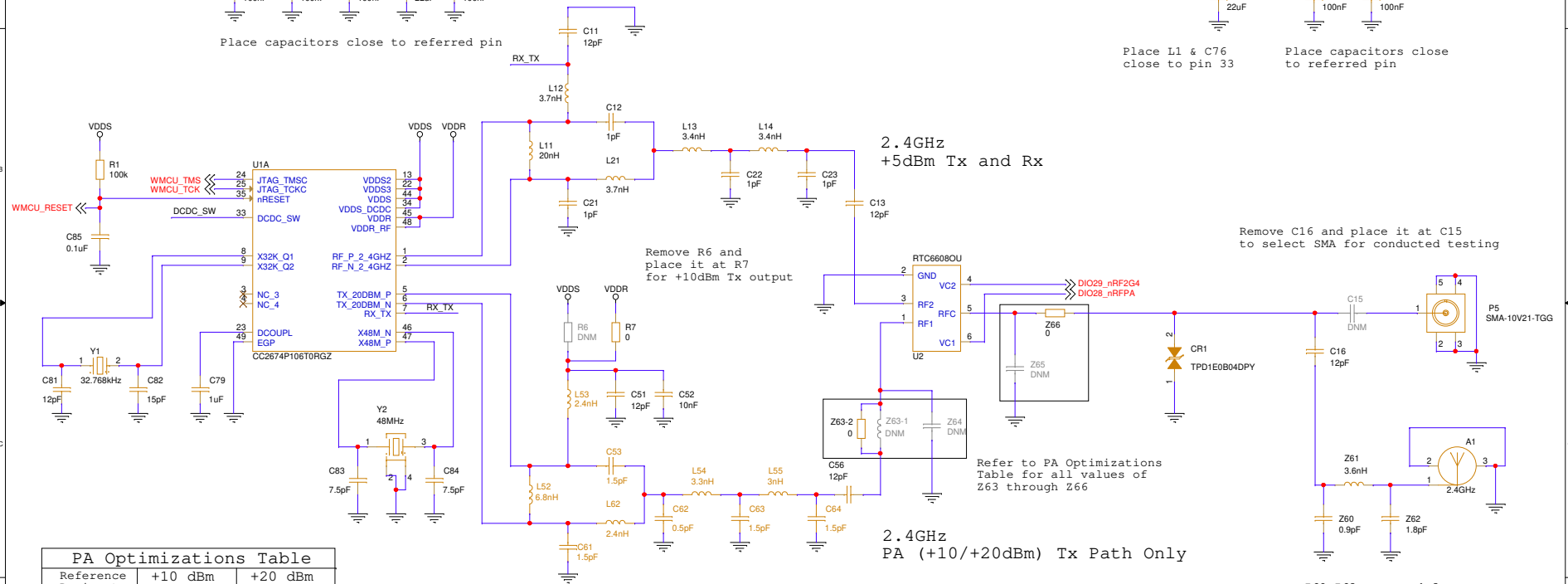


Place capacitors close to referred pin



Place L1 & C76
close to pin 33


Place capacitors close
to referred pin



Reference Designator	+10 dBm	+20 dBm
R6	DNM	0
R7	0	DNM
L52	6.8nH	15nH
L53, L62	2.4nH	3.0nH
C53, C61	1.5pF	1.2pF
C62	0.5pF	DNM
L54	3.0nH	1.8nH
C63	1.5pF	1.8pF
L55	3.0nH	2.7nH
C64	1.5pF	2.2pF
Z63-1	DNM	1.5nH
Z63-2	0	DNM
Z64	DNM	1.0pF
Z65	DNM	DNM
Z66	0	0

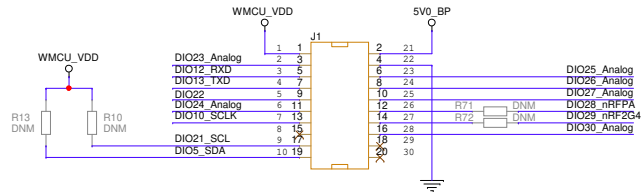
State	DIO28	DIO29
Shutdown	0	0
PA Tx	0	1
Rx/Tx	1	0

Z60-Z62 are used for antenna matching

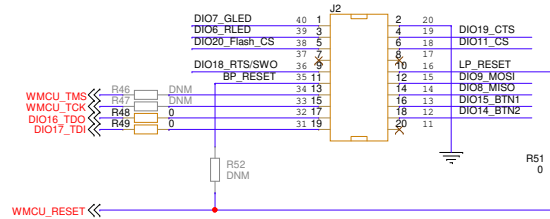
Title: LP-EM-CC2674P10		10dBm		 TEXAS INSTRUMENTS	
Drawn: RdS			PN: MCU142		
Checked: Dallas HW Apps					
Size: A3		Rev: A		Sheet: 1 of 4	
Date: Thursday, December 05, 2024					

BoosterPack Headers and Peripherals

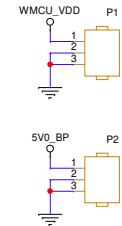
Boosterpack J1/J3 header



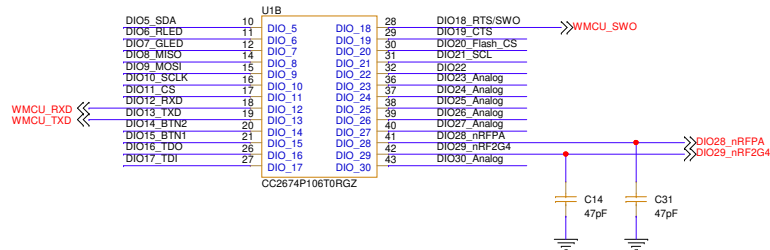
Boosterpack J2/J4 header



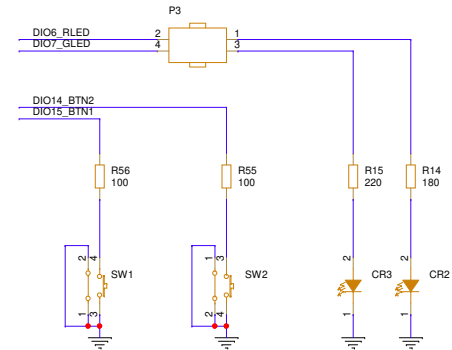
5V and 3V header



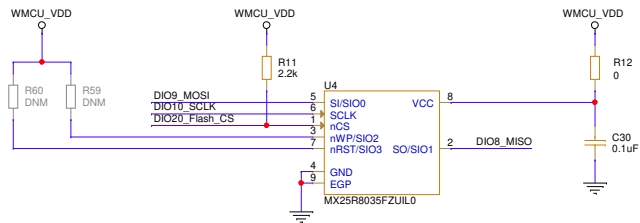
Wireless MCU IO block




LEDs and user switches

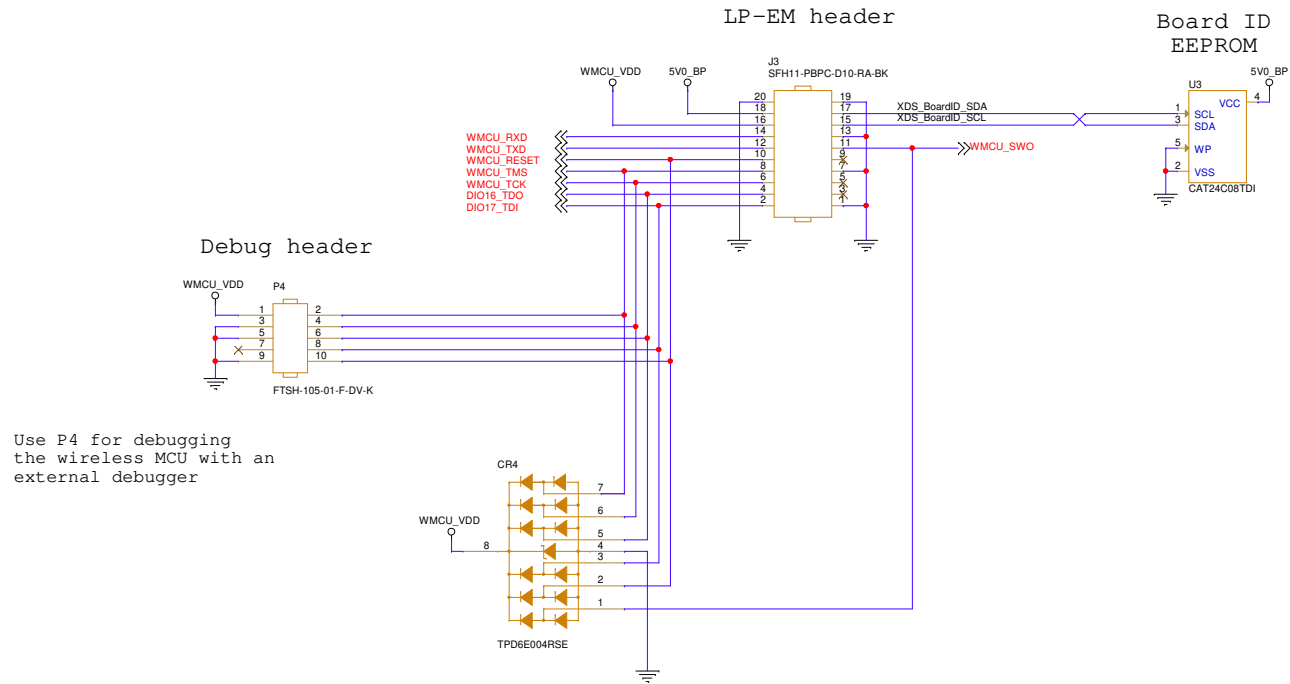



External flash



Title: LP-EM-CC2674P10		 TEXAS INSTRUMENTS	
Drawn: RdS		PN: MCU142	
Checked: Dallas HW Apps			
Size: A3		Sheet: 2 of 4	
Date: Thursday, December 05, 2024			

XDS110 Debugger Interface

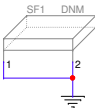


Title: LP-EM-CC2674P10		 TEXAS INSTRUMENTS
Drawn: RdS	10dBm	
Checked: Dallas HW Apps	PN: MCU142	
Size: A3	Rev: A	Sheet: 3 of 4
Date: Thursday, December 05, 2024		

Mechanical

Jumpers

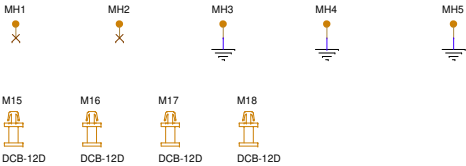
P6: M1 M2
SNT-100-BK-G SNT-100-BK-G



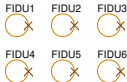
PCB



Mounting Holes




Fiducials



Labels



Title: LP-EM-CC2674P10		1008m  TEXAS INSTRUMENTS	
Drawn: RdS	PN: MCU142		
Checked: Dallas HW Apps			
Size: A3	Rev: A	Sheet: 4 of 4	
Date: Thursday, December 05, 2024			