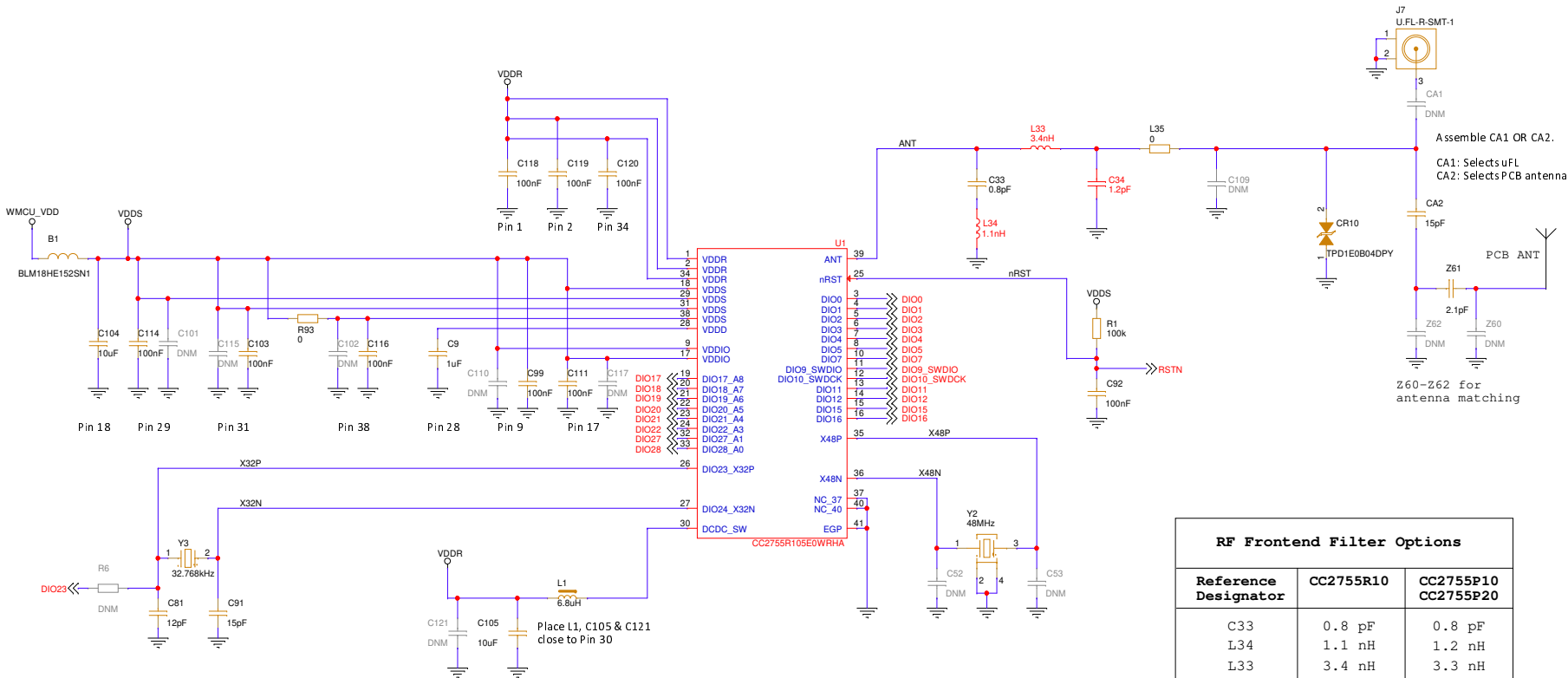


Wireless MCU RF

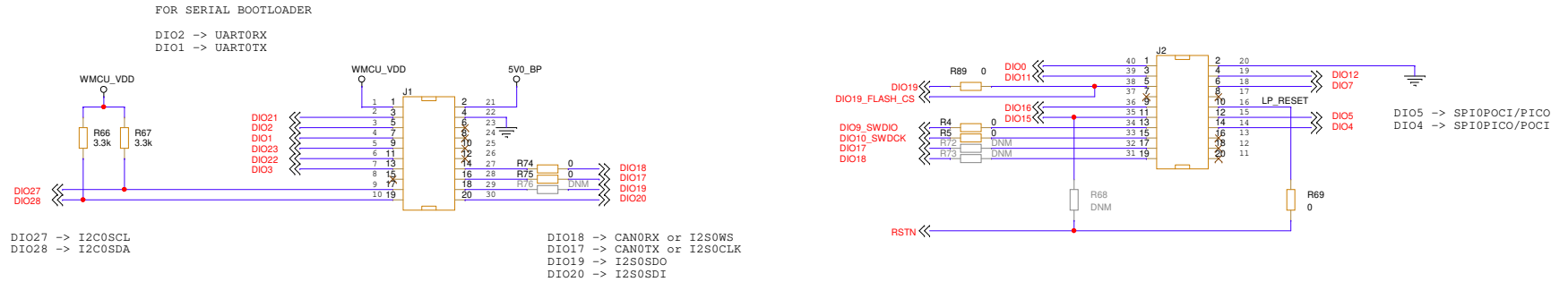


VDDS / VDDIO / VDDR Options		
Reference Designator	CC2755R10	CC2755P10 CC2755P20
C101	DNM	3.9 pF
C102	DNM	3.9 pF
C110	DNM	3.9 pF
C115	DNM	3.9 pF
C117	DNM	3.9 pF
C121	DNM	3.9 pF
R93	0 ohm	BLM03AX241SN1

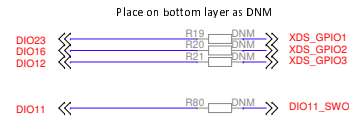
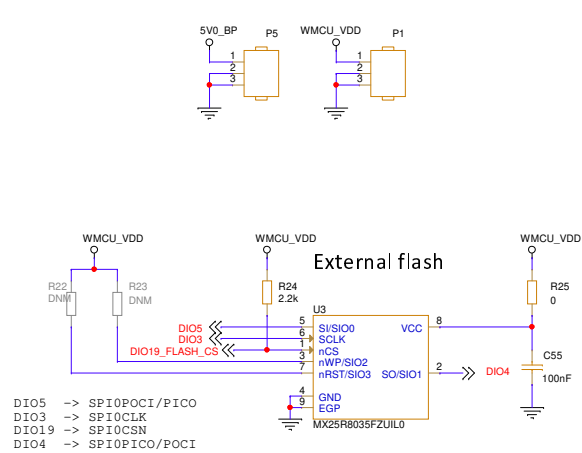
RF Frontend Filter Options		
Reference Designator	CC2755R10	CC2755P10 CC2755P20
C33	0.8 pF	0.8 pF
L34	1.1 nH	1.2 nH
L33	3.4 nH	3.3 nH
C34	1.2 pF	1.6 pF
L35	0 ohm	3.3 nH
C109	DNM	0.9 pF
CR10	TPD1E0B04D	DNM

Title: LP-EM-CC2755P10		 TEXAS INSTRUMENTS
Drawn: RGW		
Checked: Team Reviewed		
Size: A3	Rev: 001	Sheet: 1 of 4
Date: Friday, July 31, 2026		

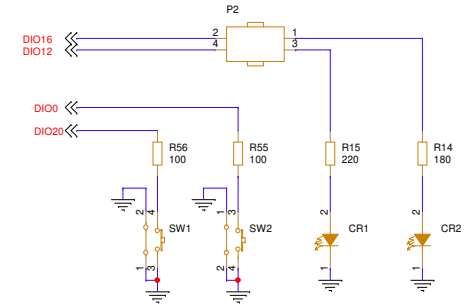
BoosterPack Headers and Peripherals



5V and 3V headers

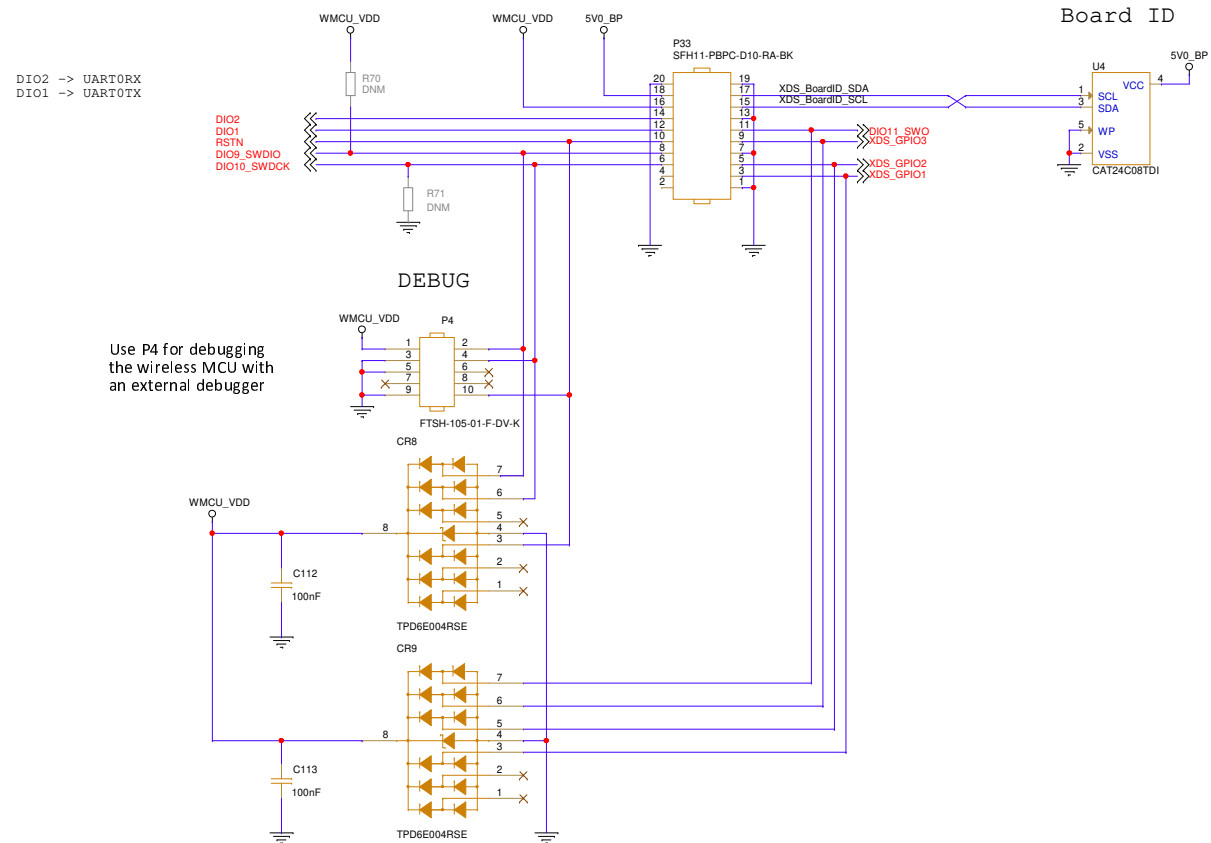


Buttons



Title:	LP-EM-CC2755P10	TEXAS INSTRUMENTS
Drawn:	RGW	PN: MCU124
Checked:	Team Reviewed	
Size:	A3	Rev: 001
Date:	Friday, July 31, 2026	Sheet: 2 of 4

XDS110 Debugger Interface



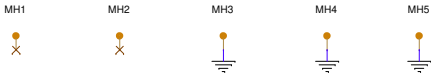
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Drawn: RGW	PN: MCU124	
Checked: Team Reviewed		
Size: A3	Rev: 001	Sheet: 3 of 4
Date: Friday, July 31, 2026		

Mechanical

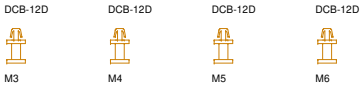
Jumpers for P2 LED headers



Mounting Holes



Standoffs



Labels



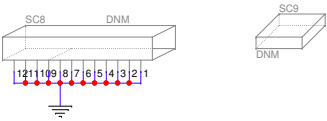
Fiducials



PCB



Shield



Title: LP-EM-CC2755P10		 TEXAS INSTRUMENTS
Drawn: RGW	PN: MCU124	
Checked: Team Reviewed		
Size: A3	Rev: 001	Sheet: 4 of 4
Date: Friday, July 31, 2026		