

RF diff pair. make it short

RF Single. Make it short

Pi-Network, Layout: put them as close as possible to form a real Pi network with shunt capacitors and serial inductor.

Place C22 closed to IC pin 62.

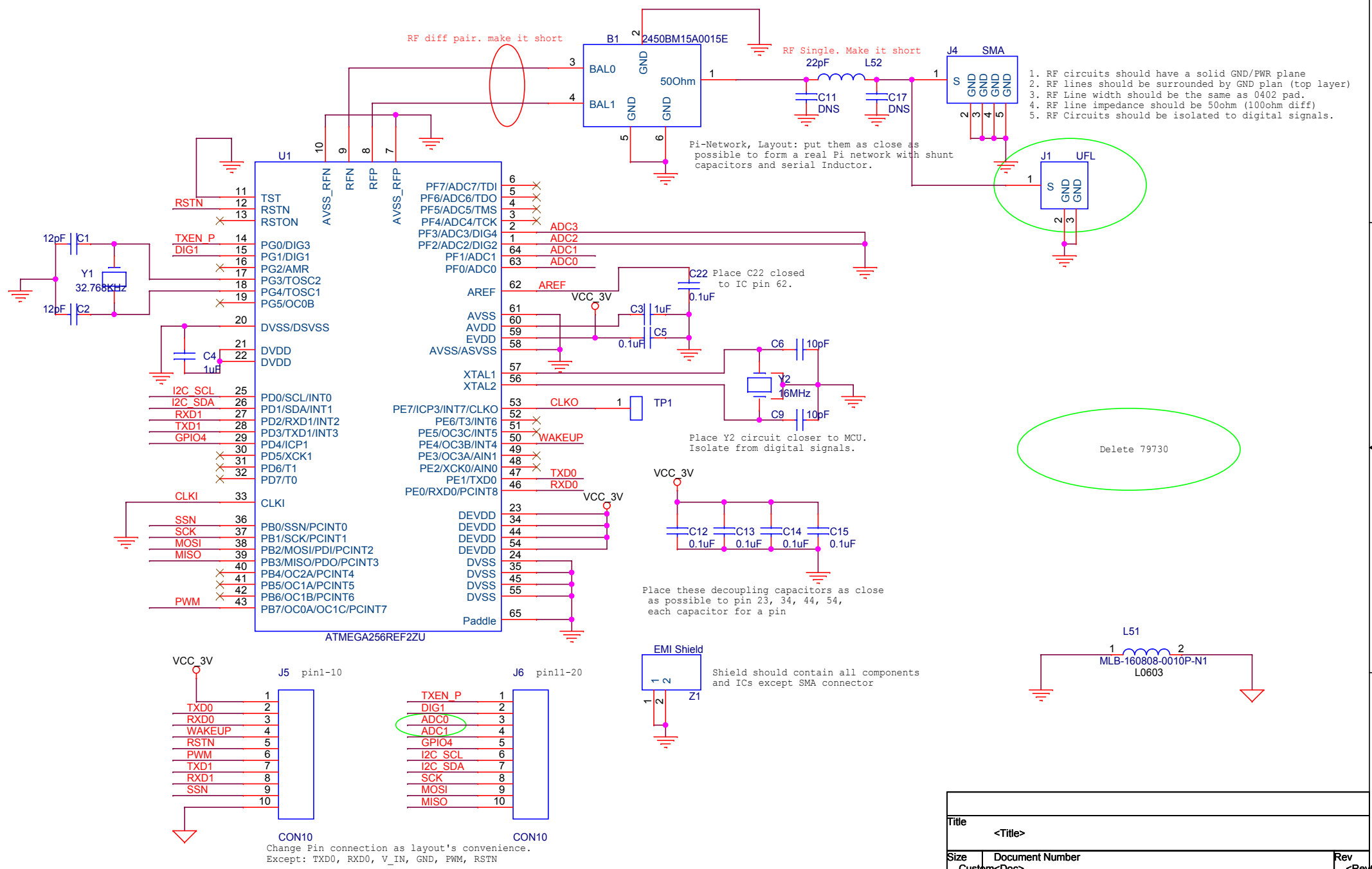
Place Y2 circuit closer to MCU. Isolate from digital signals.

Place these decoupling capacitors as close as possible to pin 23, 34, 44, 54, each capacitor for a pin

Shield should contain all components and ICs except SMA connector

1. RF circuits should have a solid GND/PWR plane
2. RF lines should be surrounded by GND plan (top layer)
3. RF Line width should be the same as 0402 pad.
4. RF line impedance should be 50ohm (100ohm diff)
5. RF Circuits should be isolated to digital signals.

Delete 79730



Title			<Title>
Size	Document Number	Rev	<RevCode>
Custom	<Doc>		
Date:	Friday, June 27, 2014	Sheet	1 of 1