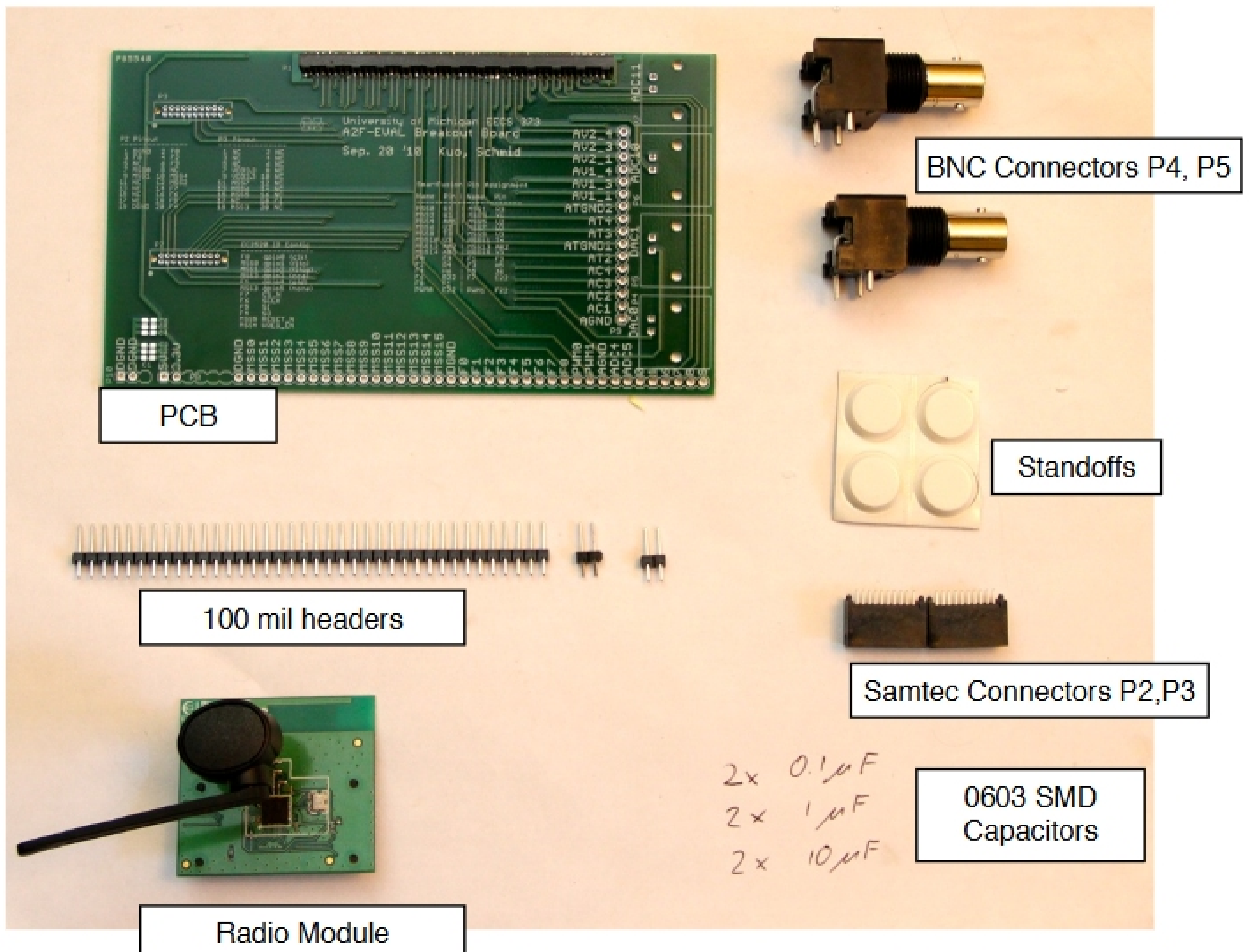


Assembly Instructions for EECS 373 Breakout Board

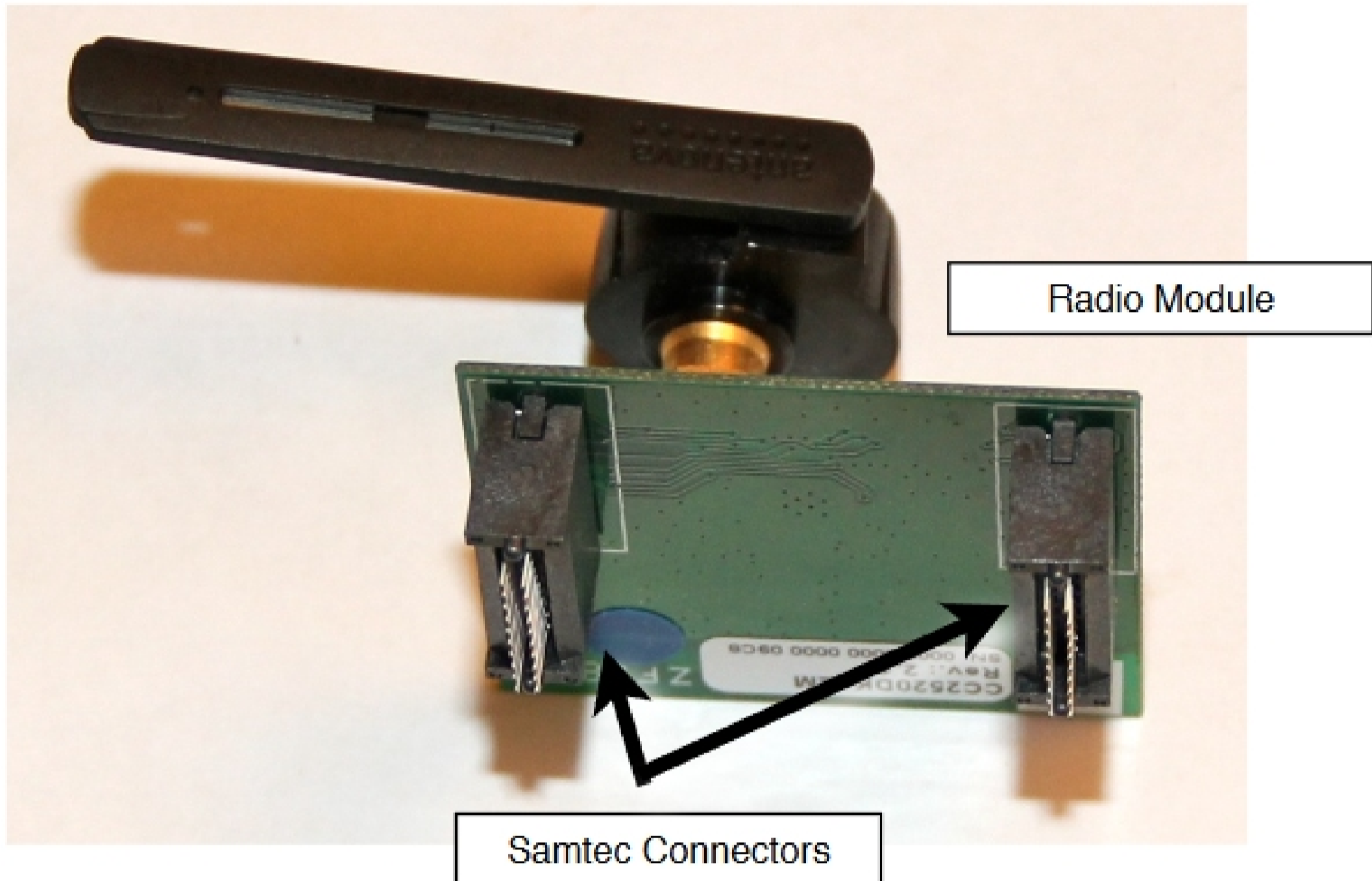
The following steps are instructions on how to assemble your EECS 373 Breakout Board. You should have the following parts for the assembly:

Amount	Description	Board Designator
1x	PCB with pre-mounted Board-to-Board connector	(P1)
1x	38-pin 100mil header	(P8)
2x	2-ping 100 mil header	(P10)
1x	TI CC2520EM Radio board	
2x	BNC socket right angle	(P4, P5)
4x	Stick-on Standoffs (Bottom)	
2x	2-row-20-pin Samtec connector	(P2, P3)
2x	0.1 uF 0603 SMD Capacitor	(C1, C4)
2x	1.0 uF 0603 SMD Capacitor	(C2, C5)
2x	10 uF 0603 SMD Capacitor	(C3, C6)



Step 1

Attach the two Samtec Connectors to the bottom of the radio module. This is to assure that you mount them the right way (they are coded with a small notch).



Step 2: Aligning Samtec Connectors

Mount the PCB on the PCB holder, silkscreen to the top, and put the Radio Module with the Samtec connectors attached onto the board as shown below.

Note: The antenna must be close to the edge of the PCB.

