

Qualification/Evaluation of the WLCSP Shipping Change for the < 1mm WLCSP devices.

1. Visual check of part fit in pocket-does it appear to be too tight, too loose?

- PART FIT VISUAL CHECK RESULT: PASSED

2. Check ESD properties of tape, reel. Specifically, measure the resistivity of both materials, which are specified in ADI0421 to be greater than or equal to 1 x 10E5 ohms/square and less than 1 x 10E12 ohms/square.

TAPE ESD RESULT: PASSED

REEL ESD RESULT: PASSED

Pink Bubble Sheet: Passed

3. Are labels correct, is the MBB acceptable? Was the box sealed correctly, with the desiccant and HIC?

- NOT APPLICABLE

4. Is the leader length and the trailer length correct? (Ref Spec: ADI0421)

LEADER LENGTH RESULT: PASSED (Minimum is 400mm)

TRAILER LENGTH RESULT: PASSED (Minimum is 160mm)

5. Is the part oriented correctly?

- ORIENTATION RESULT: PASSED

6. Take 3-5 samples and confirm pocket to package clearance measurement. (Ref Spec: ADI0421)

- PEELBACK RESULT: PASSED

Sample	X (500um max)	Y (500um max)	Y (20° max)
1	80	80	17°
2	80	80	17°
3	80	80	17°
4	80	80	17°
5	80	80	17°

7. Take 3-5 samples and confirm peel back test results. (Ref Spec: ADI0421)

- PEELBACK RESULT: PASSED

Sample	Min (10g)	Max(100g)
1	35.82	51.47
2	38.64	55.83
3	30.58	55.89