

PPAP Process Guide & Checklist

PPAP Process Flow Diagram (Text Version)

1. Review Requirements – Understand customer-specific PPAP submission level and design specs.
2. Prepare Documentation – DFMEA, PFMEA, Process Flow Diagram, Control Plan, MSA, SPC.
3. Produce Initial Samples – Manufacture under normal production conditions.
4. Submit PPAP Package – Assemble required PPAP elements based on submission level.
5. Customer Review & Approval – Status given: Approved, Interim Approval, or Rejected.

PPAP Level 3 Checklist (18 Elements)

No.	Element	Status (Yes/No)	Remarks
1	Design Records		
2	Authorized Engineering Change Documents		
3	Engineering Approval		
4	Design Failure Mode and Effects Analysis (DFMEA)		
5	Process Flow Diagram		
6	Process Failure Mode and Effects Analysis (PFMEA)		
7	Control Plan		
8	Measurement System Analysis (MSA)		
9	Dimensional Results		
10	Material, Performance Test Results		
11	Initial Process Studies (SPC)		
12	Qualified Laboratory Documentation		
13	Appearance Approval Report (AAR)		
14	Sample Production Parts		
15	Master Sample		
16	Checking Aids		
17	Customer-Specific Requirements		
18	Part Submission Warrant (PSW)		