Which PCBA / OEM Cooperation Model Fits Your Project?

Choose the right manufacturing model for your project

MYIR provides **one-stop PCBA and OEM services**, from DFM and material sourcing to SMT, testing, assembly, and global shipping.
The following comparison explains the differences between three common cooperation models: **Labor-only**, **Turnkey**, and **Full OEM**.
You can choose the model that best fits your supply chain capability, project stage, and team structure.
For a tailored recommendation, feel free to contact us by email.

1. Overview of Three Cooperation Models

Item	Labor-only	Turnkey	Full OEM
Material sourcing	Customer supplies all materials	Factory sources materials	Factory sources + recommends alternatives
PCB supply	Customer provides	Factory buys or customer-specified	Factory buys + DFM support
SMT / DIP	Factory	Factory	Factory
Testing & Conformal Coating	Customer or basic factory test	Basic + functional test	Full test + burn-in + conformal coating
Assembly & packaging	Customer handles	Optional	Factory completes box build + packaging
Shipping	Customer arranges	Factory ships	Factory global shipping
Best for	Customers with strong supply chain	Customers who want to save sourcing effort	Customers who want to outsource from design to delivery
Customer effort	High	Medium	Low
Factory responsibility	Manufacturing only	Manufacturing + materials	Design + materials + manufacturing + testing + coating + assembly + shipping

2. Which Model Fits You?

Labor-only

- Stable material sourcing channel and supply chain team
- Only want to outsource SMT / DIP processing
- Control material cost and lead time yourself

Turnkey

- Reduce material sourcing and follow-up workload
- Need the factory to source capacitors, ICs, PCB, etc.
- One supplier responsible for lead time and quality

Full OEM

- Outsource DFM, materials, SMT, testing, assembly, shipping
- Small team focused on R&D and sales
- Need global shipping and box build delivery

3. Our OEM Services

Service	Description
DFM	Design for manufacturability review to catch issues early
Material sourcing	BOM procurement, alternative suggestions, traceability
SMT / DIP	Placement, insertion, soldering, cleaning
Testing & burn-in	Functional test, burn-in
Conformal Coating	Protective coating for moisture, dust, and corrosion resistance
Assembly & packaging	Box build, sub-assembly, packaging and shipping
Global shipping	Worldwide logistics and delivery support

Not Sure Which Model Fits?

Send us your project stage and BOM, and we'll recommend the right cooperation model within 1–2 business days.

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