

SMD Component Books

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Electronics & Prototyping

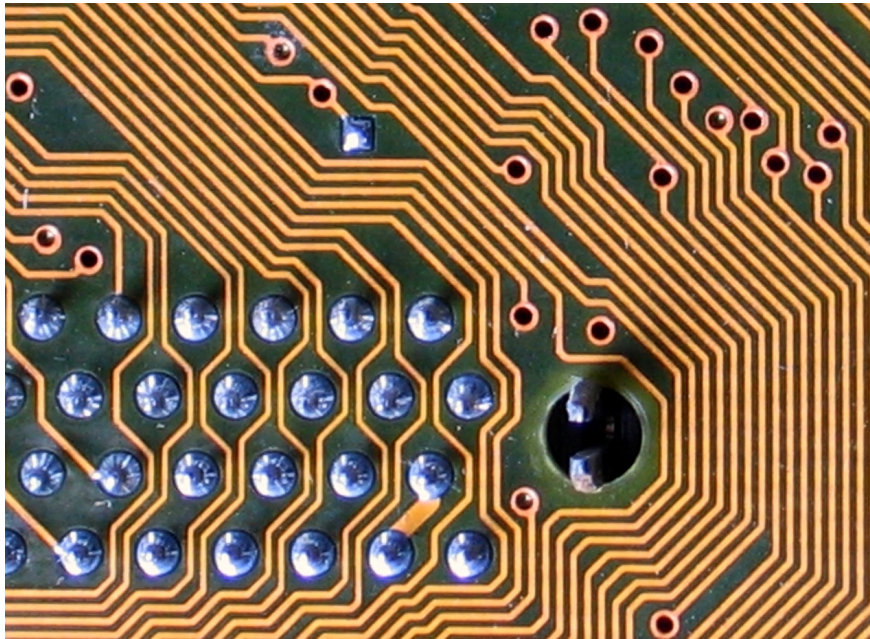


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SMD component books are wallet-like organisers with small labelled pockets holding surface-mount resistors, capacitors, LEDs and other tiny parts. They keep SMD parts sorted, visible and protected for soldering practice and rework projects.

Key Features

- Pocket sheets with labelled rows
- Assorted resistor, capacitor and LED values
- Sizes 0402 to 1206 in school sets
- Zippered or bindered covers
- Perforated pages for flexible arrangement

Typical Uses in the Workshop

- Store SMD parts by value for quick access
- Practice surface-mount soldering with sample parts
- Kit individual student boards with parts
- Keep tiny components from rolling away

Safe Operation

1. Sort parts into the labelled pockets by value
2. Handle SMD parts with tweezers only
3. Remove single parts and close the pocket
4. Check stock against the label at lesson end
5. Replace used parts from the stock cabinet

SAFETY NOTES

- Keep books away from magnets and static sources
- Never put parts in mouths for storage
- Keep them out of reach of very young children
- Store flat so parts do not fall between pockets
- Check the book pages close securely

Maintenance & Consumables

- Keep the book closed and stored flat
- Replace damaged pocket pages
- Audit contents termly
- Label the book with its date and values
- Store in the SMD station drawer

Specification & Buying Notes

Buy an assortment book with common 0805 and 1206 values for beginners. Ensure the pockets close firmly. Add separate books for LEDs, capacitors and ICs as skills grow.