



**ADVANCED**  
ASSEMBLY

**B.O.M.**  
**BEST PRACTICES**

# Bill Of Materials (BOM)



Advanced Assembly will accept your Bill of Materials (BOM) in any format. However, we ask that you use the following best practices that optimize our workflow and improve your overall experience.

## ACCEPTED FILE FORMATS



### REQUIRED

- Manufacturer Part Number
- Reference Designators
- Description Value Package
- Quantity

### OPTIONAL

- Manufacturer Name
- Vendor & Vendor Part Number
- Alternate Manufacturer Part Numbers
- Type

## FORMATTING GUIDELINES

- Place all **REFERENCE DESIGNATORS** for identical parts in one cell<sup>1</sup>. Quantity must match component count.
- Place the **DESCRIPTION VALUE PACKAGE** component descriptors in one cell<sup>2</sup>.
- Use full **MANUFACTURER PART NUMBERS** for all parts, including customer supplied parts.
- Place **ALTERNATE PART NUMBERS** on the same line in separate column to the right.
- Indicate the quantity of **DO NOT INSTALL (DNI) PARTS** in a separate DNI/DNP column<sup>3</sup>.
- Create an additional column for **CUSTOMER SUPPLIED** parts.
- Add **NOTES** in an additional column to the right<sup>4</sup>.
- Place all **ASSEMBLY NOTES** in a separate file.
- Do not use **MERGED CELLS**.

<sup>1</sup> All reference designators in the same cell. ✓

MFG PART #	DESCRIPTION VALUE PKG <sup>2</sup>	REF DES	QTY	DNI <sup>3</sup>	NOTES <sup>4</sup>
12065A330JAT2A	CAP 33pF 5V 1206	U1, U2	2		
C1206C104K3HACTU	CAP CER 0.1µF 25V 10% ULTRA STABLE X8R 1206	C10, C19, C26, C27, C28, C36, C57, C59	8		Must purchase from Digi-Key
VFT2045BP-M3/4W	Diode Schottkey 45V 20A ITO-220AC	D1	1		
CDH53-680JC	IND Power 68µH 1.21 Ohm	L1	0	1	
ERJ-1TNF1201U	RES 12k Ohm 1W 1% 2512 SMD	R5, R6	2		

[Download our Best Practice BOM Template ↓](#)



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