

Production Order: Electronics Assembly

Production Order No.

PO-2024-00123

Order Date

2024-06-25

Customer

Acme Electronics Ltd.

Delivery Date

2024-07-10

Assembly Details

Product Code	Description	Quantity	PCB Version	Assembly Line
E-Board-101	Main Controller Board v2.0	300	v2.0	Line A

Bill of Materials (BOM)

Item Code	Component	Specification	Unit	Qty/Board	Total Qty
R-104	Resistor	10kΩ, 1/4W, SMD	pcs	8	2400
C-220	Capacitor	22uF, 16V, SMD	pcs	6	1800
IC-500	Microcontroller	STM32F103C8T6	pcs	1	300
CONN-16P	Connector	16 Pin, 2.54mm	pcs	2	600

Process Steps

Step	Description
1	Solder paste printing on PCB
2	SMT component placement
3	Reflow soldering
4	Through-hole component insertion
5	Wave soldering
6	Manual inspection and QA
7	Function testing
8	Packing and labeling

Notes

