

RF and Microwave Die Wire Bonding Micro-Assembly

JOB DESCRIPTION

DEPARTMENT/LOCATION: Engineering/San Diego, CA

REPORTS TO: Production Manager

SUPERVISES: No Direct Reports

FLSA STATUS: Non-Exempt

JOB SUMMARY:

Performs professional Radio Frequency die wire bonding assignments of a basic degree of complexity under direction and supervision with limited latitude for independent action and decision.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

List the job's tasks, duties, and responsibilities in enough detail to give an accurate representation of the job's essential functions. Use 10-15 items max. Do not include marginal duties.

- Operate WestBond wire bonding equipment for RF wire bonding.
- Responsible for the RF eutectic wire bonding process for die bonding.
- Prepare and maintain the tools and material for the implementation of the modules. Maintains that the implementation machines and testing instruments are in good working conditions.
- Implements the microwave modules following the process instruction. Includes soldering, die placing, wire bonding cleaning and shielding.

MINIMUM DESIRED EDUCATION AND EXPERIENCE:

- 3-5 years experience in West Bond wire bonding equipment for RF wire bonding
- 3+ years in RF eutectic wire bonding process for die bonding.
- AAS degree in Electronics Technology or tech school graduate

MINIMUM DESIRED JOB KNOWLEDGE, SKILLS AND ABILITIES:

- Experience of implementation under microscope

- Experience of operating West Bond equipment for die wire bonding
- Hands on experience on RF/Microwave inspection
- Hands on experience in soldering
- Hands on experience if wire-bonding including running the lab

Job Specific:

Language:

- Excellent English (list other languages as required)
- Good to excellent spelling, grammar and written communication skills
- Excellent telephone and oral communication skills
- Strong public speaking and presentation skills
- Ability to read and interpret documents such as memos, general clerical documents, bank and financial statements, safety rules, instruction booklets and manuals
- Ability to write well (e.g., memos, reports, e-mails, agendas, minutes)

Mathematical:

- Ability to add, subtract, multiply, and divide all units of measure using whole numbers, common fractions and decimals
- Ability to analyze data
- Ability to create, read and interpret complex documents such as technical schematics for PCB board design

Reasoning:

- This position requires the ability to work in a fast-paced environment and multi-task efficiently
- Ability to apply common sense and critical thinking to carry out instructions and make decisions within scope of authority
- Ability to deal with problems involving several variables
- Ability to streamline processes
- Ability to manage and juggle projects, both short and long term, to fruition

Computer:

- Strong skills in Word, Excel, PowerPoint, Outlook, and QuickBooks

- Strong internet skills
- Ability to write clear concise e-mails
- Ability to create, read and interpret complex documents such as technical schematics for PCB board design

ADDITIONAL REQUIREMENTS:

- (List As appropriate, such as:)
- Valid Driver's license
- Motor vehicle insurance pursuant to CA law
- Clean DMV Record

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential duties and responsibilities of this job. As a routine part of work, employees will generally be required to use their hands to manipulate, handle, or feel objects, tools or controls; reach with hands and arms; climb stairs; and talk and hear. Specific vision abilities include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus. The table below provides additional details of certain physical demands of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

ACTIVITY FREQUENCY WEIGHT OR DISTANCE

Sitting

Frequently (> 90% of the time)

n/a

Bending

Sometimes (40%-70% of the time)

n/a

Stooping

Sometimes (40%-70% of the time)

n/a

Lifting

Sometimes (40%-70% of the time)

20-30 lbs

Carrying

Sometimes (40%-70% of the time)

20-30 lbs
Pushing/Pulling
Sometimes (40%-70% of the time)
10-20 lbs
Reaching
Sometimes (40%-70% of the time)
Arm Length and Overhead
Standing
Sometimes (40%-70% of the time)
n/a
On Computer
Sometimes (40%-70% of the time)
n/a
On Phone
Sometimes (40%-70% of the time)
n/a
Indoors
Frequently (> 90% of the time)
n/a
Outdoors
Seldom (< 20% of the time)
n/a
Driving
Never (0% of the time)
n/a
Travel by Airplane
Never (0% of the time)
Domestic Travel
Other
Choose an item.
Other
Choose an item.

ENVIRONMENTAL DEMANDS:

This job is primarily assigned to an office environment with moderate noise levels, controlled temperature conditions, and no direct exposure to hazardous physical substances.

Job Type: Full-time

Benefits:

- Health Insurance
- Paid Time Off
- Retirement Plan

Schedule:

- Monday to Friday

Experience:

- Micro-Assembly: 3 years (Required)
- Wire Bonding: 2 years (Required)

License:

- Driver's License (Required)

Work Location:

- One location

Pay Frequency:

- Bi weekly or Twice monthly

This Company Describes Its Culture as:

- Detail-oriented -- quality and precision-focused
- Innovative -- innovative and risk-taking
- Aggressive -- competitive and growth-oriented
- Outcome-oriented -- results-focused with strong performance culture
- Stable -- traditional, stable, strong processes
- People-oriented -- supportive and fairness-focused
- Team-oriented -- cooperative and collaborative

Company's website:

- www.rflambda.com

Work Remotely:

- No