

DIAGRAMA BIMANUAL

|  |          |    |   |                     |                          |  |
|--|----------|----|---|---------------------|--------------------------|--|
| Departamento: : Ingeniería Industrial        |          |    | Fecha<br>29/05/2024                         |                     | Edificio: C-06           |  |
| Analista: Sáenz Saavedra Kenia Paola         |          |    | Lugar Instituto Tecnológico de Querétaro    |                     |                          |  |
| Operador: Gómez Hernández Diego<br>Guadalupe |          |    | Operación: Ensamble de circuito electrónico |                     |                          |  |
| Descripción de la mano izquierda             |          |    | SIMBOLO                                     |                     | Descripción mano derecha |  |
| PROTOBOARD                                   | Alcanzar | R  | R   | Alcanzar            | DUPONT MM                |  |
|  | Asir     | G  | G   | Asir                |                          |  |
|  |          |    | M   | Mover               |                          |  |
|  |          |    | P   | Colocar en posición |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
| PROTOBOARD                                   | Alcanzar | R  | R   | Alcanzar            | DUPONT MM                |  |
|  | Asir     | G  | G   | Asir                |                          |  |
|  |          |    | M   | Mover               |                          |  |
|  |          |    | P   | Colocar en posición |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
| PROTOBOARD                                   | Alcanzar | R  | R   | Alcanzar            | DUPONT MM                |  |
|  | Asir     | G  | G   | Asir                |                          |  |
|  |          |    | M   | Mover               |                          |  |
|  |          |    | P   | Colocar en posición |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
| PROTOBOARD                                   | Alcanzar | R  | R   | Alcanzar            | DUPONT MM                |  |
|  |          |    | M   | Mover               |                          |  |
|  |          |    | P   | Colocar en posición |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
|  | Alcanzar | R  | R   | Alcanzar            |                          |  |
| PROTOBOARD                                   | Asir     | G  | G   | Asir                | DUPONT MH                |  |
|  |          |    | P   | Colocar en posición |                          |  |
|  |          |    | AP  | Aplicar presión     |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
|  | Alcanzar | R  | R   | Alcanzar            |                          |  |
| PROTOBOARD                                   | Asir     | G  | G   | Asir                | DUPONT MH                |  |
|  |          |    | M   | Mover               |                          |  |
|  |          |    | AP  | Aplicar presión     |                          |  |
|  | Soltar   | RL | RL  | Soltar              |                          |  |
|  | Alcanzar | R  | R   | Alcanzar            |                          |  |
|  | Asir     | G  | G   | Asir                |                          |  |
|  |          |    |   |                     |                          |  |

|               |                     |    |    |                     |                |
|---------------|---------------------|----|----|---------------------|----------------|
| PROTOBOARD    |                     |    | M  | Mover               | DUPONT MH      |
|               |                     |    | P  | Colocar en posición |                |
|               | Soltar              | RL | RL | Soltar              |                |
|               | Alcanzar            | R  | R  | Alcanzar            |                |
| PROTOBOARD    | Asir                | G  | G  | Asir                | DUPONT MH      |
|               |                     |    | M  | Mover               |                |
|               |                     |    | P  | Colocar en posición |                |
|               | Soltar              | RL | RL | Soltar              |                |
| PROTOBOARD    | Alcanzar            | R  | R  | Alcanzar            | DUPONT MH      |
|               | Asir                | G  | G  | Asir                |                |
|               |                     |    | M  | Mover               |                |
|               |                     |    | P  | Colocar en posición |                |
| CABLE ROJO    | Soltar              | RL | RL | Soltar              | DUPONT VERDE   |
|               | Alcanzar            | R  | R  | Alcanzar            |                |
|               | Asir                | G  | G  | Asir                |                |
|               |                     |    | M  | Mover               |                |
| CABLE NEGRO   |                     |    | P  | Colocar en posición | DUPONT VERDE   |
|               | Soltar              | RL | RL | Soltar              |                |
|               | Alcanzar            | R  | R  | Alcanzar            |                |
|               |                     |    | M  | Mover               |                |
| POTENCIOMETRO |                     |    | P  | Colocar en posición | DUPONT VERDE   |
|               | Soltar              | RL | RL | Soltar              |                |
|               | Alcanzar            | R  | R  | Alcanzar            |                |
|               | Asir                | G  | G  | Asir                |                |
| PROTOBOARD    | Mover               | M  |    |                     | CABLE AMARILLO |
|               | Colocar en posición | P  |    |                     |                |
|               | Aplicar presión     | AP |    |                     |                |
|               | Soltar              | RL | RL | Soltar              |                |
| PROTOBOARD    | Alcanzar            | R  | R  | Alcanzar            | RESISTENCIA 1  |
|               | Asir                | G  | G  | Asir                |                |
|               | Mover               | M  |    |                     |                |
|               | Colocar en posición | P  |    |                     |                |
| PROTOBOARD    | Aplicar presión     | AP |    |                     | RESISTENCIA 1  |
|               | Soltar              | RL | RL | Soltar              |                |
|               | Alcanzar            | R  | R  | Alcanzar            |                |
|               | Asir                | G  | G  | Asir                |                |
| PROTOBOARD    |                     |    | M  | Mover               | RESISTENCIA 1  |
|               |                     |    |    |                     |                |
|               |                     |    |    |                     |                |
|               |                     |    |    |                     |                |

|                      |              |    |    |                     |               |
|----------------------|--------------|----|----|---------------------|---------------|
| TOMA CORRIENTE       |              |    | P  | Colocar en posición | RESISTENCIA 2 |
|                      |              |    | AP | Aplicar presión     |               |
|                      | Soltar       | RL | RL | Soltar              |               |
|                      | Alcanzar     | R  | R  | Alcanzar            |               |
|                      | Asir         | G  | St | Selecccionar        |               |
|                      |              |    | AP | Aplicar presión     |               |
|                      | Soltar       | RL | RL | Soltar              |               |
|                      | Alcanzar     | R  | R  | Alcanzar            |               |
|                      | Asir         | G  | G  | Asir                |               |
|                      | Inspeccionar | I  | T  | Girar               |               |
|                      | Soltar       | RL | RL | Soltar              |               |
| MULTICONTACTO+A6:F94 |              |    |    |                     |               |