

EVB parts number : KE-KA44168A

| Designator | Description                 | Value | Manufacturer | PartNumber         | Rated value | PackageReference | Quantity | Remarks                                                           |
|------------|-----------------------------|-------|--------------|--------------------|-------------|------------------|----------|-------------------------------------------------------------------|
| IC         | IC                          | -     | Nuvoton      | KA44168A           | -           | SOP8             | 1        |                                                                   |
| RFG        | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| RHB        | wire                        | -     | -            | -                  | -           | -                | 1        | Note1) Short by wire                                              |
| RLD        | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| RPWMI      | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| CCLD       | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| CHALL      | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| CHB        | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| CVCC1      | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| CVCC2      | chip capacitor              | 1uF   | Murata       | GRM21BB31H105KA12L | 50V         | 1608             | 1        |                                                                   |
| D1         | Diode                       | 40V   | Panasonic    | DB2X41100L         | 1A          | -                | 1        |                                                                   |
| JP1        | wrapping terminal           | -     | Mac-Eight    | WL-1,JS-1          | -           | -                | 2,1      |                                                                   |
| PIN1       | wrapping terminal           | -     | Mac-Eight    | WL-8               | -           | -                | 2        |                                                                   |
| PIN2       | wrapping terminal           | -     | Mac-Eight    | WL-8               | -           | -                | 2        |                                                                   |
| PIN3       | wrapping terminal           | -     | Mac-Eight    | WL-8               | -           | -                | 2        |                                                                   |
| PIN4       | wrapping terminal           | -     | Mac-Eight    | WL-8               | -           | -                | 2        |                                                                   |
| PIN5       | wrapping terminal           | -     | -            | WL-8               | -           | -                | -        |                                                                   |
| -          | wire for short on back side | -     | -            | wire               | -           | -                | 8        | Note1) Connect 8 wires on back side in order to pull out IC pins. |
| PIN12      | -                           | -     | -            | -                  | -           | -                | -        |                                                                   |
| VCC        | Wire Red                    | -     | -            | -                  | -           | -                | 1        |                                                                   |
| GND        | Wire Black                  | -     | -            | -                  | -           | -                | 1        |                                                                   |