

Project No: C101 TX 27.145MHZ

Prepared By: HDQ

Project Name: GAL C101

Checked By:

REV: 00

Approved By:

| level | Serial number | Title            | Description                          | QTY | Place                   | Remark |
|-------|---------------|------------------|--------------------------------------|-----|-------------------------|--------|
| 5     | EB020002      | Transmit Pcb     | 94HB,S/S,THK:1.6mm,116*40.2mm        | 1   |                         |        |
| 5     | EM020001      | IC               | EM78P156/1602                        | 1   | U1                      |        |
| 5     | EM010006      | Led              | Φ5mm General Light Dip               | 1   | Led1                    |        |
| 5     | EM010009      | Crystal          | 3.58M ±20ppm Dip                     | 1   | Y1                      |        |
| 5     | EM010010      | Crystal          | 27.145Mhz +_ 20ppm U-49              | 1   | Y2                      |        |
| 5     | EI010005      | Inductance       | Fixed Inductor3.3μH +_ 10%, Φ4MM Dip | 1   | L3                      |        |
| 5     | EI010002      | Inductance       | Fixed Inductor2.2μH +_ 10%, Φ4MM Dip | 1   | L2                      |        |
| 5     | EI010001      | Inductance       | Fixed Inductor 1μH +_ 10%, Φ4MM Dip  | 1   | L1,L3                   |        |
| 5     | EI010004      | Var.Inductance   | Transmit coil inductance 7KB-10T,    | 1   | T1                      |        |
| 5     | EM020011      | key              | TC-6615B                             | 1   | S1                      |        |
| 5     | EM010005      | Variety Resistor | WH148-1A-2-B5K-15-5 direction        | 1   | VR3                     |        |
| 5     | EM020008      | Variety Resistor | WH148-1A-2-B5K-15-5 (120°)speed      | 1   | VR4                     |        |
| 5     | EM010015      | Zener            | Zener 3.9V 1/4w                      | 1   | Z1                      |        |
| 5     | EA010008      | Transistor       | transistor 945 NPN Grade C Dip       | 3   | Q1,Q2,Q3                |        |
| 5     | EC020011      | capacitance      | C CAP 47pF ±5% 50V NPO DIP           | 1   | C9                      |        |
| 5     | EC020023      | capacitance      | C CAP 68pF ±5% 50V NPO DIP           | 2   | C11,C12                 |        |
| 5     | EC020014      | capacitance      | C CAP 20pF ±5% 50V NPO DIP           | 1   | C10                     |        |
| 5     | EC020014      | capacitance      | C CAP 221pF ±5% 50V NPO DIP          | 1   | C5                      |        |
| 5     | EC020018      | capacitance      | C CAP 15pF ±5% 50V NPO DIP           | 2   | C7 C8                   |        |
| 5     | EC020016      | capacitance      | C CAP 103pF ±5% 50V DIP              | 1   | C13                     |        |
| 5     | EC020017      | capacitance      | C CAP 104pF ±5% 50V DIP              | 7   | CA,CB,C1,C14,C16,C21 C+ |        |
| 5     | EC020002      | capacitance      | E CAP 100UF ±20-80% 16V Φ4mm DIP     | 2   | C4, C22                 |        |
| 5     | ER020012      | Resistance       | 10K Ω ±5% 1/6W carbon film DIP       | 4   | R2,R4-R6                |        |
| 5     | ER020021      | Resistance       | 68K Ω ±5% 1/6W carbon film DIP       | 1   | R10                     |        |
| 5     | ER020020      | Resistance       | 47 Ω ±5% 1/6W carbon film DIP        | 2   | R8,R12                  |        |
| 5     | ER020016      | Resistance       | 10 Ω ±5% 1/6W carbon film DIP        | 1   | R17                     |        |
| 5     | ER020017      | Resistance       | 2.2K Ω ±5% 1/6W carbon film DIP      | 1   | R9                      |        |
| 5     | ER020022      | Resistance       | 120K Ω ±5% 1/6W carbon film DIP      | 1   | R18                     |        |
| 5     | ER020023      | Resistance       | 5.1K Ω ±5% 1/6W carbon film DIP      | 1   | R14                     |        |
| 5     | ER020025      | Resistance       | 2.4K Ω ±5% 1/6W carbon film DIP      | 1   | R15                     |        |
| 5     | ER020026      | Resistance       | 100 Ω ±5% 1/6W carbon film DIP       | 1   | R3                      |        |
| 5     | ER020018      | Resistance       | 1K Ω ±5% 1/6W carbon film DIP        | 2   | R7,R16                  |        |
| 5     | EW020004      | WIRE             | 24# RED 4mm+65mm+4mm                 | 1   | VR1                     |        |
| 5     | EW020005      | WIRE             | 24# BLACK 4mm+65mm+4mm               | 1   | VR1                     |        |
| 5     | EW020006      | WIRE             | 24# RED 4mm+45mm+4mm                 | 1   | VR2                     |        |
| 5     | EW020007      | WIRE             | 24# WHITE 4mm+45mm+4mm               | 1   | VR2                     |        |
| 5     | EW020008      | WIRE             | 24# WHITE 4mm+115mm+4mm              | 1   | ANT                     |        |
| 5     | EW020009      | WIRE             | 24# RED 4mm+155mm+4mm                | 1   | Power supply            |        |
| 5     | EW020010      | WIRE             | 24# BLACK 4mm+155mm+4mm              | 1   | Power supply            |        |