

## 9. SEMICONDUCTORS AND FUNCTIONS

### 1) TRANSISTER

| REF NO | TYPE     | MANUFACTURER | FUNCTION                |
|--------|----------|--------------|-------------------------|
| Q101   | 2SC5084  | TOSHIBA      | RX RF AMP.              |
| Q102   | 2SC5084  | TOSHIBA      | 1 <sup>ST</sup> MIXER   |
| Q103   | KTC3880S | K.E.C        | 1 <sup>ST</sup> IF AMP. |
| Q201   | KRC104S  | K.E.C        | RX/TX VCO SWITCHING     |
| Q202   | 2SC5084  | TOSHIBA      | BUFFER                  |
| Q203   | 2SC5084  | TOSHIBA      | O.S.C                   |
| Q204   | 2SC5084  | TOSHIBA      | RX LOCAL OUTPUT         |
| Q303   | 2SC5084  | TOSHIBA      | TX POWER MODULE DRIVER  |
| Q304   | MMBR951  | MOTOLOLA     | TX POWER DRIVER AMP     |
| Q306   | BFG135A  | SIEMENS      | TX POWER FINAL AMP      |
| Q401   | KTA1504S | K.E.C        | RX SIGNAL SWITCHING     |
| Q404   | KRC104S  | K.E.C        | AUDIO MUTE              |
| Q406   | KRA1504S | K.E.C        | AUDIO MUTE              |
| Q601   | KTA101S  | K.E.C        | TX SWITCHING            |
| Q604   | KRC104S  | K.E.C        | MIC MUTE                |
| Q702   | KRA111S  | K.E.C        | BACK LIGHT SWITCHING    |
| Q703   | KRA105S  | K.E.C        | TX ENABLE SWITCHING     |
| Q704   | KRC104S  | K.E.C        | TX ENABLE SWITCHING     |
| Q706   | KRA105S  | K.E.C        | POWER SAVE SWITCHING    |
| Q800   | KRC104S  | K.E.C        | VOX LEVEL SWITCHING     |
| Q801   | KRA105S  | K.E.C        | VOX B' SWITCHING        |
| Q802   | KRA101   | K.E.C        | VOX ENABLE SWITCHING    |

WOOIL TELCOM CO., LTD.

FCC ID: OIZKF-310

EXHIBIT #: 6A

## 2) INTEGRATED CIRCUIT

| REF NO | TYPE      | MANUFACTURER | FUNCTION                          |
|--------|-----------|--------------|-----------------------------------|
| IC2    | TK11440   | TOKO         | REGULATOR                         |
| IC101  | MC3361    | MOTOLOLA     | 2ND MIXER, IF, AND FM<br>DETECTOR |
| IC201  | TB31202FN | TOSHIBA      | PLL FREQUENCY SYNTHESIZER         |
| IC301  | HD4889    | HITACH       | CPU                               |
| IC305  | 24WC02    | ATMEL CORP.  | EEPROM                            |
| IC401  | KIA324F   | K.E.C        | DE-EMPHASIS AND 300Hz HPF         |
| IC402  | LM386     | LG           | AUDIO POWER AMP                   |
| IC501  | KIA324F   | K.E.C.       | PRE-EMPHASIS AND 300Hz HPF        |
| IC601  | MC14063BD | MOTOLOLA     | ANALOG SWITCH                     |
| IC602  | MF6CWN    | NATIONAL     | SWITCHED CAPACITOR FILTER         |
| IC800  | KIA4558   | K.E.C        | VOX DETECTOR                      |

WOOL TELCOM CO., LTD.  
FCC ID: OIZKF-310  
EXHIBIT #: 6B