

**Digital Camera Bill Of Material (For OEM CONTRACT only)**

*Date:2000-MAR-31 REV.2.5 Prepared By: Paul Kwok*

| Item | Part Number    | Description                         | Location                     | Usage | CONSIGNED BY<br>PCL |
|------|----------------|-------------------------------------|------------------------------|-------|---------------------|
| 1    | P8020-10001-01 | PCB_1 - 4 layers PCB - Main Board   | PCB1                         | 1     | Y                   |
| 2    | P8020-10002-01 | PCB_2 - 4 layers PCB - Camera Board | PCB2                         | 1     | Y                   |
| 3    | P8020-30101-01 | Battery -6v -4 x 1.5v-AAA size      | included in packing          | 4     |                     |
| 4    | P8020-10101-01 | Capacitor-0.01u-SM0603-10%          | C1                           | 1     |                     |
| 5    | P8020-10102-01 | Capacitor-0.1u-SM0603-10%           | C3-5,18-24,30-31,33-40,42-48 | 27    |                     |
| 6    | P8020-10103-01 | Capacitor-22p-SM0603-5%             | C16-17                       | 2     |                     |
| 7    | P8020-10104-01 | Capacitor-1u-SM0805-10%             | C26-29                       | 4     |                     |
| 8    | P8020-10110-01 | Capacitor-2200p-SM0603-10%          | C6                           | 1     |                     |
| 9    | P8020-10105-01 | Capacitor-220p-SM0603-10%           | C32,41                       | 2     |                     |
| 10   | P8020-10106-01 | Capacitor-ELE-22u-T/H-20%           | C49                          | 1     |                     |
| 11   | P8020-10107-01 | Capacitor-ELE-10u-T/H-20%           | C50,51                       | 2     |                     |
| 12   | P8020-10108-01 | Capacitor-ELE-22u-TANT              | C52                          | 1     |                     |
| 13   | P8020-10201-01 | Diode-MBR0520-SOD123                | D1                           | 1     |                     |
| 14   | P8020-10202-01 | Diode-1N4001/4148-DO35              | D2-3                         | 2     |                     |
| 15   | P8020-10901-01 | CON-USB-4P Type B                   | J1                           | 1     |                     |
| 16   | P8020-10301-01 | Inductor-47u-T/H                    | L1                           | 1     |                     |
| 17   | P8020-10601-01 | Ferrite-SM0805                      | F1-5                         | 5     |                     |
| 18   | P8020-10911-01 | 2-Digit Miniature LCD               | LCD                          | 1     | Y                   |
| 19   | P8020-10912-01 | Zebra Connection strip              | LCD                          | 2     | Y                   |
| 20   | P8020-10913-01 | 2mm EVA Cushion                     | LCD                          | 1     | Y                   |
| 21   | P8020-10204-01 | LCD screw M2 x 4                    | LCD                          | 2     |                     |
| 22   | P8020-20119-01 | LCD Plstic Holder                   | LCD                          | 1     | Y                   |
| 23   | P8020-10903-01 | LED-2 Pin-T/H                       | D4                           | 1     |                     |
| 24   | P8020-10401-01 | Transistor-NPN-BC848-SOT23          | Q1-2                         | 2     |                     |
| 25   | P8020-10402-01 | Transistor-PNP-BCW61-SOT23          | Q5                           | 1     |                     |
| 26   | P8020-10403-01 | Transistor-FET-SI2301DS-SOT23       | Q7                           | 1     |                     |
| 27   | P8020-10501-01 | Resistor-220k-SM0603-5%             | R1                           | 1     |                     |
| 28   | P8020-10502-01 | Resistor-4k7-SM0603-5%              | R41-42                       | 2     |                     |
| 29   | P8020-10503-01 | Resistor-82k-SM0603-5%              | R12                          | 1     |                     |
| 30   | P8020-10504-01 | Resistor-100k-SM0603-5%             | R4,8,11                      | 3     |                     |
| 31   | P8020-10505-01 | Resistor-1M-SM0603-5%               | R5,9,15,22                   | 4     |                     |
| 32   | P8020-10506-01 | Resistor-430k-SM0603-5%             | R6                           | 1     |                     |
| 33   | P8020-10507-01 | Resistor-0 R-SM0603-5%              | R7,14                        | 2     |                     |
| 34   | P8020-10508-01 | Resistor-470k-SM0603-5%             | R13                          | 1     |                     |
| 35   | P8020-10509-01 | Resistor-1k-SM0603-5%               | R43                          | 1     |                     |
| 36   | P8020-10510-01 | Resistor-1k5-SM0603-5%              | R18                          | 1     |                     |
| 37   | P8020-10511-01 | Resistor-10k-SM0603-5%              | R24,31,38                    | 3     |                     |
| 38   | P8020-10512-01 | Resistor-33 R-SM0603-5%             | R23,39                       | 2     |                     |
| 39   | P8020-10513-01 | Resistor-24 R-SM0603-5%             | R26-27                       | 2     |                     |

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To: All OEM vendors.

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|    |                |                                     |                                   |   |                  |
|----|----------------|-------------------------------------|-----------------------------------|---|------------------|
| 40 | P8020-10514-01 | Resistor-120k-SM0603-5%             | R29                               | 1 |                  |
| 41 | P8020-10515-01 | Resistor-20k-SM0603-5%              | R40                               | 1 |                  |
| 42 | P8020-10904-01 | Switch-push                         | SW1, SW3                          | 2 |                  |
| 43 | P8020-10906-01 | Switch-push                         | SW2                               | 1 |                  |
| 44 | P8020-10905-01 | Buzzer-20mm                         | T1                                | 1 |                  |
| 45 | P8020-11101-01 |                                     | J2                                | 1 | direct solder    |
| 46 | P8020-11102-01 |                                     | J3                                | 1 | direct solder    |
| 47 | P8020-11103-01 | Wire-Jumper                         | ----                              | 1 |                  |
| 48 | P8020-11104-01 | Wire                                |                                   |   |                  |
| 49 | P8020-15101-01 | IC-3V3 REG.-T092                    | U1                                | 1 |                  |
| 50 | P8020-15102-01 | IC-100QFP                           | U4                                | 1 | Y                |
| 51 | P8020-15103-01 | IC--48LCC                           | U5                                | 1 | Y                |
| 52 | P8020-15104-01 | IC-1M X 16 SD 400MIL TSOP           | 7                                 | 1 |                  |
| 53 | P8020-15105-01 |                                     | U7                                | 1 | Blue Sky/TERAX   |
| 54 | P8020-10906-01 | Crystal-12M-HC49U                   | X1                                | 1 |                  |
| 55 | P8020-20101-01 | LEN                                 | len                               | 1 | Yieldwell        |
| 56 | P8020-20102-01 | lens housing                        |                                   | 1 | Yieldwell        |
| 57 | P8020-20203-01 | lens screw                          |                                   | 2 |                  |
| 58 | P8020-20111-01 | EMI Plastic casing - Body Front     | ----                              | 1 | Y                |
| 59 | P8020-20112-01 | EMI Plastic casing - Body Back      |                                   | 1 | Y                |
| 60 | P8020-20113-01 | EMI Plastic casing - Head Front     |                                   | 1 | Y                |
| 61 | P8020-20114-01 | EMI Plastic casing - Head Back      |                                   | 1 | Y                |
| 62 | P8020-20115-01 | EMI Plastic casing - Battery Cover  |                                   | 1 | Y                |
| 63 | P8020-20116-01 | EMI Plastic casing - USB Cover      |                                   | 1 | Y                |
| 64 | P8020-20117-01 | EMI Plastic casing - shutter botton |                                   | 1 | Y                |
| 65 | P8020-20118-01 | EMI Plastic casing - mode button    |                                   | 1 | Y                |
| 66 | P8020-20121-01 | Viewfinder - front plate            |                                   | 1 | Y                |
| 67 | P8020-20122-01 | Viewfinder - rear plate             |                                   | 1 | Y                |
| 68 | P8020-20123-01 | Battery Contact Plate - Front       |                                   | 1 |                  |
| 69 | P8020-20124-01 | Battery Contact Plate - Back        |                                   | 2 |                  |
| 70 | P8020-20125-01 | M X Screw Insert                    | For Camera Leg                    | 1 |                  |
| 71 | P8020-20201-01 | M X Screw (PCBA)                    | PCBA                              | 6 |                  |
| 72 | P8020-20202-01 | M X Screw (Casing)                  | For Casing Assembly               | 4 | PCL provide film |
| 73 | P8020-30102-01 | hand-tie                            |                                   | 1 |                  |
| 74 | P8020-30103-01 | Packing box :265x155x55mm           | Bar code area                     | 1 | PCL provide film |
| 75 | P8020-30104-01 | Babble Bag                          | pack camera, pack USB cable       | 3 |                  |
| 76 | P8020-30105-01 | Plastic bag, antistatic             | pack 1.44MB disk&warrantycard     | 1 |                  |
| 77 | P8020-30106-01 | User Manuel                         | ----                              | 1 | PCL provide film |
| 78 | P8020-30107-01 | Warrenty Card                       | ----                              | 1 | PCL provide film |
| 79 | P8020-30108-01 | 1.44MB DISK                         | MUST BE Virus free, IBM Brand     | 1 |                  |
| 80 | P8020-30109-10 | Software programme                  | Copy to 1.44MB disk               | 1 | PCL provide      |
| 81 | P8020-30110-01 | CE Label                            | Stick to bottom of camera.        | 1 | PCL provide film |
| 82 | P8020-30111-01 | Serial No. Label                    | Stick to bottom of camera.        | 1 | PCL provide film |
| 83 | P8020-30112-01 | Logo Label                          | Stick to camera, near view finder | 1 | PCL provide film |

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| 84                                                                      | P8020-30113-01 | Bar Code Label   | Stick to packing box | 1 | PCL provide film   |
| 85                                                                      | P8020-30114-01 | USB Cable        | Color match camera   | 1 | 1.4 ~ 2 meters A-B |
| 86                                                                      | P8020-30115-01 | Silicon Gel 5gm. | pack with camera     | 1 | 5 grammes          |
| U6: HYUNDAI:HY57V161610DTC-7, MICRON:MT48LC1M16A1TGS, LG:GM72V16162ET75 |                |                  |                      |   |                    |
| Rev.2.5: Official Release                                               |                |                  |                      |   |                    |