



| Title |           |                  |
|-------|-----------|------------------|
| Size  | Number    | Revision         |
| A4    |           |                  |
| Date: | 2017/4/20 | Sheet of         |
| File: | D:\ \.k10 | .SchDocDrawn By: |

| Comment           | Description   | Designator                | Footprint     | LibRef            | Quantity |
|-------------------|---|---------------------------|---------------|-------------------|----------|
| k10               |   |                           | k10 80pin     | Component_1       | 1        |
| 16V               | Polarized Capacitor<br>(Surface Mount)                        | C1                        | C0805         | Cap Pol3          | 1        |
| 50V               | Polarized Capacitor<br>(Surface Mount)                        | C2, C3                    | C0805         | Cap Pol3          | 2        |
| 50V               | Capacitor<br>(Semiconductor<br>SIM Model)                     | C4, C5, C6, C7            | C1206         | Cap Semi          | 4        |
| SMAJ12A-TR        | Schottky Diode  | D1                        | C1206         | D Schottky        | 1        |
| LED1              | Typical RED,<br>GREEN, YELLOW,<br>AMBER GaAs LED              | D2                        | 6-0805        | LED2              | 1        |
| Inductor Iron Dot | Magnetic-Core<br>Inductor with<br>Winding Polarity<br>Marking | L1                        | C1206         | Inductor Iron Dot | 1        |
| LED               |   | LED1, LED2,<br>LED3, LED4 | 0805LED1      | LED               | 4        |
| J-link            | Header, 5-Pin, Dual<br>row                                    | P1                        | HDR2X5        | Header 5X2        | 1        |
| Res3              | Resistor  | R1, R2, R3, R4,<br>R5, R6 | J1-0603       | Res3              | 6        |
| 510               |   | RN1                       | res2*4        | Component_1       | 1        |
| SW-PB             | Switch  | S1                        | SPST-2        | SW-PB             | 1        |
| 24MHZ             |   | XTAL1                     | XTAL-3225     | XTAL              | 1        |
| 48MHZ             |   | XTAL2                     | XTAL1-KHz-直插3 | XTAL-RTC          | 1        |
|                   |   |                           |               |                   |          |