





| Bill of Materials | | Kinetis-DIP | | | | |
|--|-----------------------|-------------------|---------|--------------------|---|---------|
| Source Data From: | | KinetisDIP.PrjPCB | | | | |
| Project: | | KinetisDIP.PrjPCB | | | | |
| Variant: | | None | | | | |
| Creation Date: | 22/01/2017 | 1:08:23 PM | | | | |
| Print Date: | 22-Jan-17 | 1:08:30 PM | | | | |
| | | | | | | |
| Footprint | Comment | Farnell PN | Digikey | Designator | Description | Quantit |
| CCNP2012-0805 | 10uF/16V | 2346934 | | C1 | Capacitor SMT 0805 | 1 |
| CCNP1608-0603 | 4u7F/6V3 | 1907504 | | C2 | Capacitor SMT 0603 | |
| CCNP1608-0603 | 100nF | 0.4000=0 | | C3, C6, C7, C8, C9 | Capacitor SMT 0603 | 5 |
| CCNP1608-0603 | 2u2F/10V | 2496850 | | C4, C5 | Capacitor | 2 |
| SOT23 | PMEG2005CT | 2459194 | | D1 | Dual Schottky Diode (SMT) | 1 |
| SOD-123 | 1N5819HW | 2306459 | | D2 | SCHOTTKY, 1A, 40V, SOD-123 | 1 |
| LED1608-0603-RED | LED Red | 5790852 | | D3 | LED 0603 Red | 1 |
| MOLEX - 47346-0001 | USB_MICRO_B_CONNECTOR | 1568026 | | J1 | USB Micro-B Connector | 1 |
| CR1608-0603 | FB | 1515717 | | L1, L2, L3 | Ferrite Bead (0603) | 3 |
| SWD-2x5 | SWD2X5 | 1000100 | | P4 | SWD Connector 2x5-Pin | |
| CR1608-0603 | 470R | 1632490 | | R1 | Resistor SMT | 1 |
| CR1608-0603 SDCARD_MICRO - MOLEX 504077-1891 | 33R SD_Socket2 | 2214964 | | R2, R3 SD1 | Resistor MOLEX 5040771891 CONNECTOR, MICRO SD, 1.1MM, 8 POSITION | 1 |
| SW SMT PB2-B3U | SW-PB-SMT-B3U | 2500851 | | SW1 | Switch OMRON B3U series | 1 |
| SOT-89 | MCP1702T-3302E/MB | 1605558 | | U1 | 3V3 LDO regulator | 1 |
| TSQFP50P1200X1200-64N | MK22FN512VLH12 | 2434224 | | U2 | Arm Cortex M4F | 1 |
| crystal can | Crystal - 32kHz | 1457084 | | Y1 | CITIZEN CFS2016 | 1 |
| Crystal SMT - EPSON-FA-238 | XTAL SMT2 FA-238 | 1712815 | | Y2 | Crystal (EPSON Q22FA23800065 FA-238 24 MHZ 12.0PF) | 1 |
| | | | | | | 26 |
| Approved | | Notes | | | | |
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