





Bill of Materials		Kinetis-DIP				
Source Data From:		KinetisDIP.PrjPCB				
Project:		KinetisDIP.PrjPCB				
Variant:		None				
Creation Date:	21/01/2017	1:31:23 PM				
Print Date:	21-Jan-17	1:31:29 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantit
CCNP2012-0805	10uF/16V	2346934	Digikey		Capacitor SMT 0805	
CCNP2012-0805 CCNP1608-0603	4u7F/6V3	1907504		C1 C2	Capacitor SMT 0603	1
CCNP1608-0603 CCNP1608-0603	100nF	1907304		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	1010/1/		P4	SWD Connector 2x5-Pin	1
CR1608-0603	470R	1632490		R1	Resistor SMT	1
CR1608-0603	33R	1.002.100		R2, R3	Resistor	2
SDCARD_MICRO - MOLEX 504077-1891	SD_Socket2	2214964		SD1	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
Approved		Notes				26
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