









Bill of Materials		USBDM-Kinetis				
Source Data From:		USBDM_Kinetis.PrjPck				
Project:		USBDM_Kinetis.PrjPck				
Variant:		None				
variant.		Hone				
Creation Date:	9/11/2016	11:00:56 PM				
Print Date:	09-Nov-16	11:01:05 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP1608-0603	100nF			C1, C5, C7, C8, C9, C10, C13,	Capacitor	8
OONDOOM 0005	475/40\/	0.400000		C14	One selfer OMT 0005	
CCNP2012-0805	4u7F/16V	2496988 1186187		C2, C12	Capacitor SMT 0805	2
CCNP1608-0603	1uF	1186187		C3	Capacitor SMT	-
CCNP1608-0603 CCNP1608-0603	4u7/6V			C4	Capacitor SMT 0603	1
	2u2F			C6	Capacitor SMT 0603	1
CCNP1608-0603	10nF			C11	Capacitor	1
CD1608-0603	LED Green			D1	LED (Red 0603)	
CD1608-0603	LED Red	150000		D2	LED (Red 0603)	
MOLEX - 47346-0001	USB_MICRO_B_CONNECTOR	1568026		J1	USB Micro-B Connector	1
Header 1x3 (2mm)	Header 1x3 2mm			JP1	Header, 1x3, 2mm	1
CR2012-0805	FB	1515661		L1, L2	Ferrite Bead (0805) 0.045OHM, 2A	2
BDM	BDM2X3			P1		1
SWD-2x10 - reduced	SWD-2x10			P2	SWD Connector 2x10-Pin	1
SWD-2x5	SWD2X5			P3	SWD Connector 2x5-Pin	1
CR1608-0603	1K	1632490		R1, R19	Resistor SMT	2
CR1608-0603	33R			R2, R4	Resistor	2
CR1608-0603	2K2	1632490		R3, R16, R20	Resistor SMT	3
CR1608-0603	100K	9332405, [NoValue], [NoParam]		R5, R11, R14, R17	Resistor SMT, Resistor, Resistor SMT, Resistor SMT	4
CR1608-0603	47R	1632490		R6, R8, R12, R15, R18	Resistor SMT	5
CR1608-0603	470R	1632490		R7, R21	Resistor SMT	2
CR1608-0603	10K	1632490		R9, R10	Resistor SMT	2
CR1608-0603	0R			R13	Resistor	1
SW_SMT_PB2-B3U	SW-PB-SMT-B3U	1333652		S1	Switch OMRON B3U series	1
SC70_N	74LVC1T45DCK	2395603		U1, U7	Dual voltage bidirection buffer	2
SOT-23-5	MIC2005-0.5YM6-TR	2509880		U2	Power Switch	1
SOT23	MCP1703T-3302E/CB	2136813		U3	3V3 LDO regulator	1
SSOP8_N	74LVC2T45DCT			U4, U6	Dual voltage bidirection buffer	2
TSQFP50P900X900-48N	MK20DX128VLF5			U5	Arm Cortex M4	1
Crystal_SMT - EPSON-FA-238	XTAL_SMT2_FA-238	1712815		Y1	Crystal (EPSON Q22FA23800065 FA-238 24 MHZ 12.0PF)	1
						53
Approved		Notes				