









Variant: Creation Date: Print Date:	21/11/2016 21-Nov-16	USBDM_Kinetis.PrjPcb USBDM_Kinetis.PrjPcb None				
Project: Variant: Creation Date: Print Date:		USBDM_Kinetis.PrjPcb			_	
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Creation Date: Print Date:		None			_	
Print Date:					_	
Print Date:		8:24:10 PM				
		8:24:20 PM				
ootprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CNP1608-0603	100nF	1709957	gc,	C1, C5, C7, C8, C9, C10, C11,	Capacitor	9
70141 1000-0000		1709907		C1, C5, C7, C6, C9, C10, C11,	Οαρασιιοί	9
CCNP2012-0805	4u7F/16V	2496988		C2, C12	Capacitor SMT 0805	2
CCNP1608-0603	1uF	1186187		C3	Capacitor SMT	1
CCNP1608-0603	4u7/6V	2496930		C4	Capacitor SMT 0603	1
CNP1608-0603	2u2F	2496850		C6	Capacitor SMT 0603	1
D1608-0603	LED Green			D1	LED (Red 0603)	1
:D1608-0603	LED Red			D2	LED (Red 0603)	1
MOLEX - 47346-0001	USB_MICRO_B_CONNECTOR	1568026		J1	USB Micro-B Connector	1
leader 1x3 (2mm)	Header 1x3 2mm			JP1	Header, 1x3, 2mm	1
R2012-0805	FB	1515661		L1, L2	Ferrite Bead (0805) 0.045OHM, 2A	2
DM	BDM2X3			P1		1
WD-2x10 - reduced	SWD-2x10			P2	SWD Connector 2x10-Pin	1
WD-2x5	SWD2X5			P3	SWD Connector 2x5-Pin	1
R1608-0603	1K	2331727		R1, R19	Resistor SMT	2
R1608-0603	33R	1632431		R2, R4	Resistor	2
R1608-0603	2K2	2502397		R3, R16, R20	Resistor SMT	3
CR1608-0603	100K	9332405		R5, R11, R14, R17	Resistor SMT, Resistor, Resistor SMT, Resistor SMT	4
R1608-0603	47R	1646283		R6, R8, R12, R15, R18	Resistor SMT	5
R1608-0603	470R	2073508		R7, R21	Resistor SMT	2
CR1608-0603	10K	1632490		R9, R10	Resistor SMT	2
CR1608-0603	0R	1631319		R13	Resistor	1
SW SMT PB2-B3U	SW-PB-SMT-B3U	1333652		S1	Switch OMRON B3U series	1
6C70_N	74LVC1T45DCK	2395603		U1, U7	Dual voltage bidirection buffer	2
OT-23-5	MIC2005-0.5YM6-TR	2509880		U2	Power Switch	1
OT23	MCP1703T-3302E/CB	2136813		U3	3V3 LDO regulator	1
SOP8_N	74LVC2T45DCT	2444915		U4, U6	Dual voltage bidirection buffer	2
SQFP50P900X900-48N	MK20DX128VLF5	2133571		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
OT23-6	82402305	1825866		Z1	Quintuple Unipolar Protection Device (5V)	1
						54
pproved		Notes				
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