









Bill of Materials			Bill of Materials For Project [USBDM_Kinetis_MK22F.PrjPcb] (No PCB Document Selected)			
Source Data From:		USBDM Kinetis M	IK22F.PriPcb			
Project:		USBDM Kinetis MK22F.PrjPcb				
-			II CO			
/ariant:		None				
Creation Date:	19/04/2017	12:34:40 PM				
Print Date:	19-Apr-17	12:34:47 PM				
	F					
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP1608-0603	100nF	1709957		C1, C4, C6, C8, C9, C10, C11,	Capacitor SMT 0603	11
	1.00			C12, C14, C15, C16	·	
CCNP2012-0805	10uF/16V	2497049		C2	Capacitor SMT 0805	1
CCNP1608-0603	4u7F/6V	2496930		C3, C5, C7, C13	Capacitor SMT 0603	4
LED1608-0603-GREEN	LED Green	1581242		D1	LED 0603 Green (HSMG-C170 1.25mm x 1.4mm, 20 mA, 2.2 V, 572 nm)	1
ED1608-0603-RED	LED Red	5790839		D2	LED 0603 Red (HSMS-C170, 1.25mm x 1.4mm, 20 mA, 2.1 V, 626 nm)	1
MOLEX - 47346-0001	USB Micro-B Connector	1568026		J1	USB Micro-B (MOLEX - 47346-0001)	1
leader 1x3 (2mm)	Header 1x3 2mm			JP1	Header, 1x3, 2mm	1
B2012-0805	Ferrite Bead	1669733		L1, L2	Ferrite Bead SMT 0805, TDK MPZ2012S102AT, 0.15OHM, 1.5A	2
BDM	BDM Connector			P1	HCS BDM connector (2x3 0.1")	1
SWD-2x10 - reduced	SWD-2x10 (reduced pins)	1865289		P2	SWD Connector 2x10-Pin (reduced pins)	1
SWD-2x5	SWD2X5	1865285		P3	SWD Connector 2x5-Pin	1
CR1608-0603	1K	2331727		R1, R20	Resistor SMT 0603	2
CR1608-0603	33R	1632431		R2, R3	Resistor SMT 0603	2
CR1608-0603	10K	1799366		R4, R11, R12, R17, R22, R23	Resistor SMT 0603	6
CR1608-0603	330R	2502447		R5, R21	Resistor SMT 0603	2
CR1608-0603	100K	9238727		R6, R9, R10, R15, R18	Resistor SMT 0603	5
CR1608-0603	47R	1646283		R7, R8, R14, R16, R19	Resistor SMT 0603	5
CR1608-0603	0R	2668260		R13	Resistor SMT 0603	1
SW_MIN_PB-FSMSM	SW_PB-SMT-FSMSM	1703878	450-1758-2-ND	S1	SWITCH, TACTILE SPST 50mA, SMD GULL WING	1
OT23-6-Power	MIC2005-0.5YM6-TR	2509880		U1	Power Switch	1
SC70_N	74LVC1T45DCK	2395603		U2, U7	Dual voltage bidirection buffer	2
SOT23 SSOP8 N	MCP1703T-3302E/CB 74LVC2T45DCT	2136813 2444915		U3	3V3 LDO regulator	1
SQFP50P1200X1200-64L	MK22FN512VLH12	2434224		U4, U6 U5	Dual voltage bidirection buffer Arm Cortex M4F	2 1
SOT23-6	82402305	1825866		Z1	Quintuple Unipolar Protection Device (5V)	1
	52.102000	1.020000			Samuel Simpolar Frotostori Bosioo (04)	57
Approved		Notes				<u> </u>
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