









Source Data From: USBOM Kinetis Pipes	Bill of Materials			<parameter found="" not="" title=""></parameter>			
Popel: Warrant:	Source Data From:		USBDM Kinetis.PriPcb				
Variant: Variant: Variant							
Content Date	-						
Print Dalle:	variant.		None				
Print Date: 27-Oct-16 3-19-44 PM	Creation Date:	27/10/2016	3:19:34 PM				
Footprint	Print Date:						
CCNP1608-0603							
CNP2012-0805	Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP1090-0005	CCNP1608-0603	100nF				Capacitor	8
CONP1600-6003	CCNP2012-0805	4u7F/16V	2496988			Capacitor SMT 0805	2
CCMP1608-0603							
CCNP1608-0603							1
CCNP1608-0603					C6		1
CD1609-0603							1
MOLEX - 47346-0001 USB MICRO B CONNECTOR 1668026 J1							1
Header 1x3 (2mm) Header 1x3 2mm			1568026			· /	1
CR2012-0805 FB							1
BDM BDMZ3		FB	1515661		L1, L2		2
SWD 2x5 SWD 2x5 P3 SWD Connector 2x5-Pin 1 1 1 1 1 1 1 1 1	BDM	BDM2X3					1
CR1608-0603	SWD-2x10 - reduced	SWD-2x10			P2	SWD Connector 2x10-Pin	1
CR1608-0603 33R	SWD-2x5	SWD2X5			P3	SWD Connector 2x5-Pin	1
CR1608-0603	CR1608-0603	1K	1632490		R1, R19	Resistor SMT	2
CR1608-0603	CR1608-0603					Resistor	2
NoParam NoParam	CR1608-0603	2K2	1632490		R3, R16, R20	Resistor SMT	3
CR1608-0603 47R 1632490 R6, R8, R12, R15, R18 Resistor SMT 5 CR1608-0603 470R 1632490 R7 Resistor SMT 1 CR1608-0603 10K 1632490 R9, R10 Resistor SMT 2 CR1608-0603 0R R13 Resistor SMT 1 SW_SMT_PB2-B3U SW-PB-SMT-B3U 1333652 S1 Switch OMRON B3U series 1 TP T	CR1608-0603	100K			R5, R11, R14, R17	Resistor SMT, Resistor, Resistor SMT, Resistor SMT	4
CR1608-0603 470R 1632490 R7 Resistor SMT 1 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 TP TP TP Test Point 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 SSOPB_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 52	CR1608-0603	47R			R6, R8, R12, R15, R18	Resistor SMT	5
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 TP TP TP Test Point 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 52	CR1608-0603	470R	1632490			Resistor SMT	1
SW_SMT_PB2-B3U SW-PB-SMT-B3U 1333652 S1 Switch OMRON B3U series 1 TP TP TP1 Test Point 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 52	CR1608-0603	10K	1632490		R9, R10	Resistor SMT	2
TP TP TP1 Test Point 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 52	CR1608-0603	0R			R13	Resistor	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 52	SW_SMT_PB2-B3U	SW-PB-SMT-B3U	1333652			Switch OMRON B3U series	1
SOT-23-5 MIC 2005-0.5YM6-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 52		TP			TP1		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 52		74LVC1T45DCK	2395603		U1, U7		2
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 52		MIC2005-0.5YM6-TR	2509880				1
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 52			2136813				1
Crystal_SMT - EPSON-FA-238 XTAL_SMT2_FA-238 1712815 Y1 Crystal (EPSON_Q22FA23800065 FA-238 24 MHZ 12.0PF) 1 52							2
52							1
	Crystal_SMT - EPSON-FA-238	XTAL_SMT2_FA-238	1712815		Y1	Crystal (EPSON Q22FA23800065 FA-238 24 MHZ 12.0PF)	
Approved Notes	Annyound		Notes				52
	Approved		NOTES	<u> </u>			