









USBDM_Kinetis.PrjP USBDM_Kinetis.PrjP None 11:41:49 PM 11:41:58 PM Farnell PN 1709957 2497049 2496850 2496930 5790852 5790852 5790852 CONNECTOR 1515661 1865289 1865285		Designator C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Description Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red USB Micro-B Connector	Quantity 10 1 2 2 1
USBDM Kinetis.PrjP None 11:41:49 PM 11:41:58 PM Farnell PN 1709957 2497049 2496850 2496930 5790852 5790852 5790852 1568026 1515661 1865289 1865285	rcb	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
None		C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
11:41:49 PM 11:41:58 PM Farnell PN 1709957 2497049 2496850 2496930 5790852 5790852 5790852 1568026 1515661 1865289 1865285	Digikey	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
11:41:58 PM Farnell PN 1709957 2497049 2496850 2496930 5790852 5790852 CONNECTOR 1568026 11515661 1865289 1865285	Digikey	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
Farnell PN 1709957 2497049 2496850 2496930 5790852 5790852 5790852 CONNECTOR 1568026 11515661 1865289 1865285	Digikey	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
1709957 2497049 2496850 2496930 5790852 5790852 CONNECTOR 1568026 1515661 1865289 1865285	Digikey	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
1709957 2497049 2496850 2496930 5790852 5790852 CONNECTOR 1568026 1515661 1865289 1865285	Digikey	C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
1709957 2497049 2496850 2496930 5790852 5790852 CONNECTOR 1568026 1515661 1865289 1865285		C1, C5, C7, C8, C9, C10, C11, C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	10 1 2
2497049 2496850 2496930 5790852 5790852 CONNECTOR 1568026 1 1515661 1865289 1865285		C13, C14, C15 C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor, Capacitor, Capacitor SMT Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	1 2
2496850 2496930 5790852 5790852 CONNECTOR 1568026 1 1515661 1865289 1865285		C2 C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor SMT 0805 Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	2
2496850 2496930 5790852 5790852 CONNECTOR 1568026 1 1515661 1865289 1865285		C3, C6 C4, C12 D1 D2 J1 JP1	Capacitor SMT 0603 Capacitor SMT 0603 LED 0603 Green LED 0603 Red	2
2496930 5790852 5790852 CONNECTOR 1568026 1 1515661 1865289 1865285		C4, C12 D1 D2 J1 JP1	Capacitor SMT 0603 LED 0603 Green LED 0603 Red	
5790852 5790852 1568026 1 1515661 1865289 1865285		D1 D2 J1 JP1	LED 0603 Green LED 0603 Red	1
5790852 1568026 1515661 1865289 1865285		D2 J1 JP1	LED 0603 Red	
1568026 1515661 1865289 1865285		J1 JP1		1
1515661 1865289 1865285		JP1		1
1515661 1865289 1865285			Header, 1x3, 2mm	1
1865289 1865285		L1, L2	Ferrite Bead (0805) 0.045OHM, 2A	2
1865285	ı	P1	, ,	1
		P2	SWD Connector 2x10-Pin	1
		P3	SWD Connector 2x5-Pin	1
2331727		R1, R19	Resistor SMT	2
1632431		R2, R4	Resistor	2
1632490		R3, R9, R10, R16, R20	Resistor SMT	5
9332405		R5, R11, R14, R17, R22	Resistor SMT, Resistor, Resistor SMT, Resistor SMT	5
1646283		R6, R8, R12, R15, R18	Resistor SMT	5
2073508		R7, R21	Resistor SMT	2
1631319		R13	Resistor	1
U-1000P-B 1333654		S1	Switch OMRON B3U series	1
CKT 2395603		U1, U7	Dual voltage bidirection buffer	2
6-TR 2509880		U2	Power Switch	1
E/CB 2136813			3V3 LDO regulator	1
CTR 2008640				2
5/MK22DX128VLF5 2133571		U5	Arm Cortex M4	1
-238 1712815		Y1	Crystal (EPSON Q22FA23800065 FA-238 24 MHZ 12.0PF)	1
1825866		Z1	Quintuple Unipolar Protection Device (5V)	1 50
Notes				56
CK 6-TI E/C CTI 5/M	T 2395603 R 2509880 CB 2136813 R 2008640 MK22DX128VLF5 2133571 8 1712815 1825866	T 2395603 R 2509880 CB 2136813 R 2008640 MK22DX128VLF5 2133571 8 1712815 1825866	T 2395603 U1, U7 R 2509880 U2 CB 2136813 U3 R 2008640 U4, U6 UK22DX128VLF5 2133571 U5 8 1712815 Y1 1825866 Z1	T 2395603