









Bill of Mate	erials		USBDM_SOIC20	_JS16(Minimal)		
Source Data From: USBDM_SWD_JS1		CWJ.PRJPCB				
Project:		USBDM SWD JS16CWJ.PRJPCB				
Variant:		None				
Creation Date:	4/12/2016	4:35:14 PM				
Print Date:	04-Dec-16	4:35:24 PM				
Print Date.	04-Dec-16	4.35.24 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP2012-0805	470nF	1288279		C1	Capacitor SMT	1
CCNP2012-0805	100nF	8820120, 8820120, 1186187		C2, C6, C9	Capacitor SMT	3
CC3216-1206	10uF/10V	9527745		C3, C4	Capacitor Polarized (SMT - Case A)	2
CCNP2012-0805	18pF	1414673		C5, C7	Capacitor SMT	2
CCNP2012-0805	1uF			C8	Capacitor SMT 0805	1
CCNP2012-0805	4u7/6V			C10	Capacitor SMT 0805	1
ED-SMT-2	LED Green	5790852		D1	LED (Green SMT)	1
CR4532-1812	miniSMDC050F	1175839		F1	Polyswitch	1
JSB Mini - SMT2	USB MINI CONNECTOR	1363522		J1	USB Mini-B Connector	1
HDR1X2a	PIN2X1			JP1	2-pin male header	1
Header 1x3 (2mm)	Header 1x3 2mm			JP2	Header, 1x3, 2mm	1
MHDR2X10	MHDR2X10			P1	Header, 10-Pin, Dual row .05"	1
HDR2X3	Transition 3x2	1188909		P2	2x3 male header	1
CR2012-0805	1k5	1632464		R1	Resistor SMT	1
CR2012-0805	1M	9236392		R2	Resistor SMT	1
CR2012-0805	100K	9332405		R3, R6, R8	Resistor SMT	3
CR2012-0805	47R	1632490		R4, R7, R9	Resistor SMT	3
CR2012-0805	680R	9334785		R5	Resistor SMT	1
CR2012-0805	33R	1631399		R10, R11	Resistor SMT	2
SO-14 L	SN74LV125AD	9592504	296-1674-5-ND	U1	Quad 3-state Buffer	1
SO-G20	MC9S08JS16CWJ	1704517		U2	Microcontroller with USB	1
318E-04	MC33375ST-3.3T3	1150444		U3	Low Dropout 300mA Voltage Regulator with ON/OFF Control	1
XTAL_SMT - 5x3.2	12MHz	F1368769		Y1	Crystal (Low profile SMT)	1 32
Approved		Notes				32
Approved		Notes				