









Bill of Materials			USBDM_SOIC2	USBDM_SOIC20_JS16(Minimal)			
Source Data From:		USBDM_SWD_JS16CWJ_V2.PRJPCB USBDM_SWD_JS16CWJ_V2.PRJPCB					
Project:							
Variant:		None					
Creation Date:	6/03/2014	1:18:03 PM					
Print Date:	06-Mar-14	1:18:06 PM					
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity	
CCNP2012-0805	18pF	1414673		C1, C7	Capacitor SMT	2	
CCNP2012-0805	470nF	1288279		C2	Capacitor SMT	1	
CCNP2012-0805	100nF	8820120		C3, C6	Capacitor SMT	2	
CC3216-1206	10uF/10V	9527745		C4, C5	Capacitor Polarized (SMT - Case A)	2	
LED-SMT-2	LED Green	5790852		D1	LED (Green SMT)	1	
USB_Mini - SMT2	USB_MINI_CONNECTOR	1363522		J2	USB Mini-B Connector	1	
HDR1X2a	PIN2X1			JP1	2-pin male header	1	
HDR2X3	Transition 3x2	1188909		P1	2x3 male header	1	
MHDR2X10	MHDR2X10			P3	Header, 10-Pin, Dual row .05"	1	
CR2012-0805	1k5	1632464		R1	Resistor SMT	1	
CR2012-0805	1M	9236392		R2	Resistor SMT	1	
CR2012-0805	100K	9332405		R3, R5, R8	Resistor SMT	3	
CR2012-0805	47R	1632490		R4, R6, R9	Resistor SMT	3	
CR2012-0805	680R	9334785		R7	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	
XTAL_SMT	12MHz	1652551		Y1	Crystal (Low profile SMT)	26	
Approved		Notes				20	