









Bill of Materials			USBDM_JS16CWJ_V2			
Source Data From:		USBDM_SWD_SER_JS16CWJ.PRJPCB USBDM_SWD_SER_JS16CWJ.PRJPCB				
Project:						
Variant:		None				
Creation Date:	25/01/2017	11:28:33 PM				
Print Date:	25-Jan-17	11:28:40 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP2012-0805	470nF	2497003		C1, C3, C4, C8, C10	Capacitor SMT 0805	5
CCNP2012-0805	18pF	2280674		C2, C7	Capacitor SMT	2
CCNP2012-0805	4u7F/10V	1327701		C5, C6, C9	Capacitor SMT 0805	3
LED2012-0805-GREEN	LED Green	5790852		D1	LED 0805 Green	1
PTC4532-1812	MINISMDC050F-2	1175839		F1	PolySwitch miniSMDC Series, 500 mA, 1 A, 24 VDC	1
USB_Mini - SMT2	USB_MINI_CONNECTOR	1363522		J1	USB Mini-B Connector	1
HDR1X2S	PIN2X1			JP1		1
BDM	BDM2X3			P1		1
SWD-2x10 - reduced	SWD-2x10			P3	SWD Connector 2x10-Pin	1
HDR1X4S	Serial			P4	Header, 4-Pin	1
CR2012-0805	1k5	1632464		R1, R10	Resistor SMT	2
CR2012-0805	1M	9236392		R2	Resistor SMT	1
CR2012-0805	100K	9332405, [NoParam], [NoParam], 1638463		R3, R5, R9, R13	Resistor SMT	4
CR2012-0805	47R	1632490		R4, R6, R12	Resistor SMT	3
CR2012-0805	680R	9334785		R7	Resistor SMT	1
CR2012-0805	33R	1631399		R8, R11	Resistor SMT	2
SO-G20	MC9S08JS16CWJ	1704517		U1	Microcontroller with USB	1
SOT223	MC33375ST-3.3T3	1150444		U2	Low Dropout 300mA Voltage Regulator with ON/OFF Control	1
SO-14_M	SN74LV125AD	9592504		U3, U4	Quad 3-state Buffer (5V Tolerant)	2
XTAL_SMT - 5x3.2	CX5032GB12000H0PESZZ	1368769		Y1a	AVX CRYSTAL, SM, CX-53F, 12MHZ	1 35
Approved		Notes				30
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