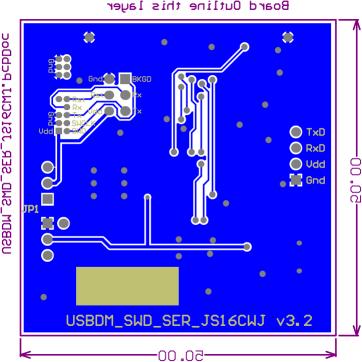
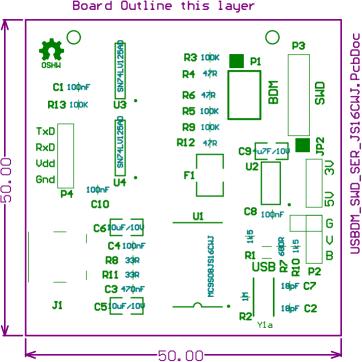
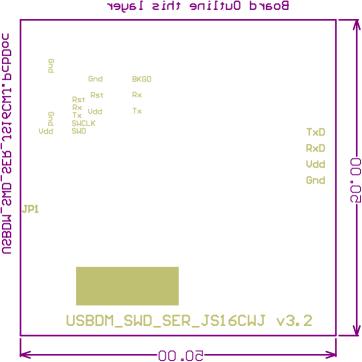


Board Outline this layer USBDM_SWD_SER_JS16CWJ.PcbDoc R13 100K € 50, 00







Bill of Materials			USBDM_JS16CWJ_V2			
Source Data From:		USBDM_SWD_SER_JS16CWJ.PRJPCB USBDM_SWD_SER_JS16CWJ.PRJPCB				
Project:						
Variant:		None				
Creation Date:	8/01/2017	12:16:30 PM				
Print Date:	08-Jan-17	12:16:39 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP2012-0805	100nF	8820120, 8820120,		C1, C4, C8, C10	Capacitor SMT	4
		1186187, 8820120				
CCNP2012-0805	18pF	1414673		C2, C7	Capacitor SMT	2
CCNP2012-0805	470nF	1288279		C3	Capacitor SMT	1
CCNP3216-1206	10uF/10V	9527745		C5, C6	Capacitor SMT 1206	2
CCNP3216-1206	4u7F/10V	9527737		C9	Capacitor SMT 1206	1
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
Approved		Notes				35
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