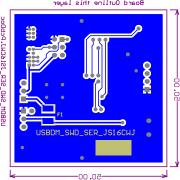
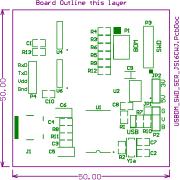
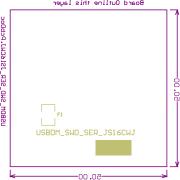


Board Outline this layer USBDM_SWD_SER_JS16CWJ.PcbDoc







Bill of Materials			USBDM_JS16CWJ_V2			
Source Data From: USBDM_SWD_SER		S16CWJ.PRJPCB				
		USBDM SWD SER JS16CWJ.PRJPCB				
Variant:		None				
Creation Date:	25/02/2014	6:45:06 PM				
Print Date:	25-Feb-14	6:45:09 PM				
Footprint	Comment	Farnell PN	Digikey	Designator	Description	Quantity
CCNP2012-0805	100nF	8820120, 8820120, 1186187, 8820120		C1, C4, C8, C10	Capacitor SMT	4
CCNP2012-0805	18pF	1414673		C2, C7	Capacitor SMT	2
CCNP2012-0805	470nF	1288279		C3	Capacitor SMT	1
TC3528-1411	10uF/10V	9527745		C5, C6	Capacitor Polarized (SMT - Case A)	2
SMT_CaseA	4u7F/10V	9527737		C9	Polarized Capacitor	1
LED-SMT-2	LED Green	5790852		D1	LED (Green SMT)	1
CR4532-1812	miniSMDC050F	1175839		F1	Polyswitch	1
USB_Mini - SMT2	USB_MINI_CONNECTOR	1363522		J1	USB Mini-B Connector	1
HDR1X2a	PIN2X1			JP1		1
HDR2X3	Transition 3x2	1188909		P1	2x3 Transition or male header	1
MHDR2X10	MHDR2X10			P3	Header, 10-Pin, Dual row	1
HDR1X4	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
318E-04	MC33375ST-3.3T3	1150444		U2	Low Dropout 300mA Voltage Regulator with ON/OFF Control	1
751A-03_N	74LV125A	9592504		U4, U6	Quad 3-State Non-Inverting Buffer (F1013776)	2
XTAL_SMT - 5x3.2	12MHz	F1368769		Y1a	Crystal (Low profile SMT)	1
Resonator_Murato	CSTCR4M00G53-R0	1170428		Y1b	4MHz Ceramic Resonator with caps	1 36
Approved		Notes				30