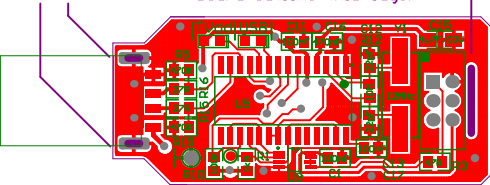


Title		USBDM_JB16_SOIC	
Size	Number	Revision	
A4	USBDM_JB16_SOIC28_p1[USB_Stick].SchDoc	4	
Date:	8/10/2009	Sheet 1 of	2
File:	C:\Peter\USBDM JB16 SOIC28 p1[USB Stick]SchDoc		

1mm plated slot

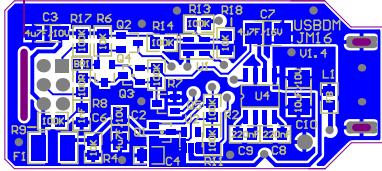
Board Outline this layer

1mm slot



USBDM_JB16_SOIC28[USB_Stick].PcbDoc

USBDM_1B1r_201C58[USB_Stick].pcbDoc



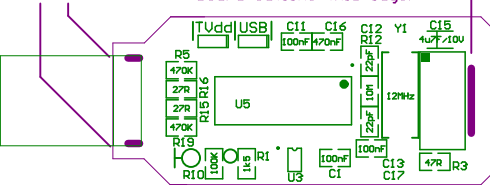
Board Outline this layer

1mm slot

1mm plated slot

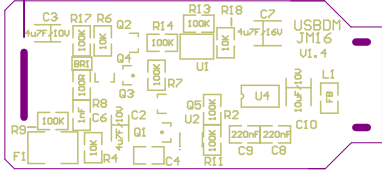
Board Outline this layer

1mm slot



USBDM_JB16_SOIC28[USB_Stick].PcbDoc

USBDM_1B1r_201C58[USB_Stick].PcbDoc



1mm plated slot

Board Outline this layer

1mm slot

Bill of Materials

Bill of Materials For Project [USBDM_JB16_SOIC28[USB_Stick].PRJPCB] (No PCB Document 5

Source Data From:

USBDM_JB16_SOIC28[USB_Stick].PRJPCB

Project:

USBDM_JB16_SOIC28[USB_Stick].PRJPCB

Variant:

None

Creation Date:

8/10/2009

1:53:56 PM

Print Date:

08-Oct-09

1:53:58 PM

Footprint	Comment	Farnell PN	Designator	Description	Quantity
CCNP2012-0805	100nF	9724605	C1, C11, C17	Capacitor SMT	3
SMT_CaseA	4u7F/10V		C2, C3, C15	Polarized Capacitor	3
CCNP2012-0805	1uF(X7R)		C4	Capacitor	1
CCNP2012-0805	1nF		C6	Capacitor SMT	1
SMT_CaseB	4u7F/16V		C7	Polarized Capacitor	1
CCNP2012-0805	220nF		C8, C9	Capacitor	2
SMT_CaseB	10uF/10V		C10	Polarized Capacitor	1
CCNP2012-0805	22pF		C12, C13	Capacitor SMT	2
CCNP2012-0805	470nF		C16	Capacitor	1
LED-SMT-2	Red SMT LED		D1	Medium Green SMT LED HSMx-C170	1
LED-SMT-2	Green SMT LED		D2	Medium Red SMT LED HSMx-C170	1
CR4532-1812	MINISMD C014F		F1	Polyswitch Tyco MINISMD C014F	1
USB_TypeA - SMT2	USB_CONNECTOR		J1	USB Connector	1
CR2012-0805	FB		L1	Resistor SMT	1
Transition 2x3			P1		1
SOT23	IRLML6302		Q1	HEXFET Power MOSFET	1
SOT23	BSS138		Q2, Q4, Q5	N-Channel Enhancement Mode Vertical DMOS FET	3
SOT23	BSS84		Q3	P-channel Enhancement Mode Vertical D-MOSFET	1
CR2012-0805	1k5		R1	Resistor SMT	1
CR2012-0805	100K		R2, R7, R9, R10, R11, R13, R14, R17	Resistor, Resistor SMT	8
CR2012-0805	47R		R3	Resistor SMT	1
CR2012-0805	10K		R4, R6, R18	Resistor, Resistor SMT	3
CR2012-0805	470K		R5, R19	Resistor SMT	2
CR2012-0805	100R		R8	Resistor	1
CR2012-0805	10M		R12	Resistor SMT	1
CR2012-0805	27R		R15, R16	Resistor SMT	2
TP	TP		TP	Test Point	1
SOT-23-5	MCP6541T-E/OT		U1	4us, 1.6V to 5V Comparator with Rail-to-Rail Output	1
SO-G5/NS	LP2981AIM5-3.3/NOPB		U2	LDO Regulator	1
TSSO3x5-G8/X.4	74LVC2G125DCTR		U3	Dual 3-state Buffer 1.65V-5.5V	1
SO-G8/E2.9	MAX662ACSA+		U4	12V Charge Pump for Flash Memory	1
751F-03_M	MC68HC908JB16DW		U5	8-Bit Microcontroller	1
XTAL_SMT	12MHz		Y1	Crystal Oscillator	1

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Approved

Notes