



## Bill of Materials

<Parameter Title not found>

 Source Data From:
 STM32\_MAX.PrjPCB

 Project:
 STM32\_MAX.PrjPCB

Variant: None

 Creation Date:
 2017-7-21
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 42937
 42937.46149

C13, C14, C15, C16, C17, C18, C19, C2   Capacitor, Capcitor, Cap	CAP		Comment	LibRef	Designator	Description	Quantity
C13, C14, C15, C16, C17, C18, C19, C2   Capacitor, Capcitor, Capci	C13, C14, C15, C16, C17, C18, C19, C2   Capacitor, Capcitor, Capci	CP1220	CR1220	BATTERY	B1		
C13, C14, C15, C16, C17, C18, C19, C2   Capacitor, Capcitor, Capci	C13, C14, C15, C16, C17, C18, C19, C2   Capacitor, Capacitor, Capcitor, Capc	RC0603	104	CAP	C1, C4, C5, C6, C7, C9, C10, C11, C12,	Capcitor, Capcitor, Capcitor, [NoValue].	2
C27, C28, C34, C46   Capotior, Cap	C27, C28, C34, C46   Capotior, Cap						_
Capcitor, Capcit	Capetior, Capeti						
Capcitor, Capacitor,	Capcitor, Capacitor,				C27, C26, C34, C40		
Cobe   Cap	Cobe   Cap						
CAP	CAP						
106	106					[NoValue]	
CAPACITOR	CAPACITOR	RC0603	22pF	CAP	C2, C3, C8, C21	Capcitor, Capcitor, Capacitor, Capacitor	4
CO0603   15pF	POL, Cap	.0805	106	CAPACITOR	C31, C35		2
CACROBIOS   15pF	CACROBIOS   15pF			POL. Cap		, ·	
CASE   CAP   CAP   CAS   CAP   CAS   CAP   CAS   CAP   CAS   CAP   CAS   CAP   CAS	CASE   CAP   CAP   CAS   CAP   CAS   CAP   CAS   CAP   CAS	RC0603	15pF		C43 C44	Cancitor	2
ED0805   LED	ED0805   LED			-		Capatol	-
SOD_323   SS14	SOD_323   SS14					115	
TTAG2DP ARM_JTAG   JTAG   DI   Header 30X2   J2, J3   Header 30X2   J2, J3   Header 30X2   J2, J3   Header 30X2   J2, J3   Header 30X2   J3, J5   Header 16X2   J6   Header 3X2   J7   Header 3X2   J8   Header 3X2   He	TTAG2DP ARM_JTAG   JTAG   DI   Header 30X2   J2, J33   Header, 30-Pin, Dual row   Display   J4, J5   Header, 30-Pin, Dual row   H					-4	3
DE2X30	DE2X30						1
USB	USB						1
USB	USB	DE2X30	IO_30X2	Header 30X2	J2, J3	Header, 30-Pin, Dual row	2
DEZX16-2.5Header 16X2	DEZX16-2.5Header 16X2				J4, J5		2
DE2X6-2.54 Header 3X2	DE2X6-2.54 Header 3X2 Header 3X2 JB Header 3, Pin, Dual row Header, 3-Pin, Dumper JUmper KEY1, KEY2, REST, WK UP Jumper Wire PNP, SOT23 PNP PNP PNP Q1, Q4 PNP, SOT23 PNP PNP Q1, Q4 PNP, SOT23 NPN 2N3904 Q3 NPN SC0603 1M Rest, RES RES, RES, RES, RES, RES, RES, RES,		Header 16X2	Header 16X2		Header, 16-Pin, Dual row	1
Header 3	Header 3						1
Jumper	Jumper						
PNP   SOT23   PNP   PN	PNP   SOT23   PNP   PN					1	'
## SAT54C BAT54C BAT54C BAT54C Q2	### SAT54C BAT54C BAT54C BAT54C Q2						4
NPN   SOT23   NPN   2N3904   Q3   R1, R25   R2, R25   R2, R4, R5, R31, R32   R2, R25   R2, R22   R2, R22   R2, R22   R2, R22   R2, R23   R3, R9   R2, R25   R2,	NPN   SOT23   NPN   2N3904   Q3   R1, R25   Rest, RES   RES, RES, RES, RES, RES, RES, RES, RES,					PNP Bipolar Transistor	2
Rest	Rest	BAT54C	BAT54C	BAT54C	Q2		1
RC0603 510R RES, RES, RES R2, R4, R5, R31, R32 [NoValue], [NoValue], Resistor Resist	RC0603 510R RES, RES, RES R2, R4, R5, R31, R32 [NoValue], [NoValue], Resistor Resist	IPN_SOT23	NPN	2N3904	Q3	NPN General Purpose Amplifier	1
Res2, Res2 RES, Res2, Res2, Res2, Res3, Res, Res3, Res3, Res4, Res, Res4, Res5, Res5, Res5, Res6, Res6	Res2, Res2 RES, Res2, Res3, RES, Res2, Res2, Res3, RES, RES, Res2 RC0603 RC060	RC0603	1M	Res1, RES	R1, R25	Resistor, [NoValue]	2
Res2, Res2 RES, Res2, Res2, Res2, Res3, Res, Res3, Res3, Res4, Res, Res4, Res5, Res5, Res5, Res6, Res6	Res2, Res2 RES, Res2, Res3, RES, Res2, Res2, Res3, RES, RES, Res2 RC0603 RC060	RC0603	510R	RES. RES. RES	R2. R4. R5. R31. R32	[NoValue], [NoValue], [NoValue], Resisto	1 5
RC0603	RC0603				, , , , , , ,		
RC0603	RC0603	20005	500mA	DEC	P2 P0		,
Res2, Res2, Res2, Res3, Res, Res, Res2, Res3, Res4, Res4, Res4, Res5, Res5, Res5, Res603, NC, Res5, Res603, Res60603, Res6	Res2, Res2, Res2, Res3, Res, Res, Res2, Res3, Res4, Res4, Res4, Res5, Res5, Res603, NC, Res5, Res60603, Res5, Res60603, Re					[NaValual Basistan Basistan Basistan	
Res2, RES, RES, RES, Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	Res2, RES, RES, RES, Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	KC0603	10K				
RES, RES, RES	RES, RES, RES				R49, R51		]
RC0603	RC0603			Res2, RES,		[NoValue], Resistor	_
RC0603	RC0603	/. 4		RES, RES, RES			\ <del>/17</del>
RC0603	RC0603	<b>71</b> +	1   1	Res2	<b>太</b> (/ / /		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
RC0603	RC0603	RC0603 -	0R	Res2	R7, R8, R12, R13, R14	Resistor	5
RC0603 NC RES R19 RC0603 22R RES R21, R22, R39, R58, R59 RC0603 1K Res2 R24, R50 Resistor  RFP144N STM32F103ZET STM32F103ZET U1 6 6_1 6_1 84 NRF2401 Header 4X2 U2 Header, 4-Pin, Dual row SOP16M CH340G CH340G U7 SOP15M CH340G CH340G U7 SOT223 AMS1117-3.3V 11 U8 SMD49S 8MHz XTAL Y1 Crystal Y2 SMD_32x25r12MHz Crystal Y2 12,768k 32.768k CRYSTAL Y3 Crystal 8MHz PLUG	RC0603 NC RES R19 RC0603 22R RES R21, R22, R39, R58, R59 RC0603 1K Res2 R24, R50 Resistor  GPF144N STM32F103ZET STM32F103ZET U1 6 6_1 6_1 6_1 6_1 6_1 6_1 6_1 6_1 6_1 6_1						
RC0603         22R         RES         R21, R22, R39, R58, R59         Resistor           RC0603         1K         Res2         R24, R50         Resistor           RC0603         1K         Res2         R24, R50         Resistor           RC0603         1K         Resistor         Resistor           RC0603         1K         NRF2401         Header, 4-Pin, Dual row         Header, 4-Pin, Dual row           RC0604         W25X16         U7         USB2UART         USB2UART         Crystal Oscillator           RC07223         AMS1117-3.3V         11         USB2UART         Crystal Oscillator         Crystal Oscillator         Crystal SMD2         AMD2         AM	RC0603         22R         RES         R21, R22, R39, R58, R59         Resistor           RC0603         1K         Res2         R24, R50         Resistor           QFP144N         STM32F103ZET STM32F103ZET U1         Feed on the property of the pro			-			1
Resistor    Resistor	Resistor		-	-		1	
STM32F103ZET   STM32F103ZET   U1	QFP144N					Desister	5
6 6_1 Header 4X2 U2 Header, 4-Pin, Dual row W25Q16 W25X16 U4 SOP16M CH340G CH340G U7 SOT223 AMS1117-3.3V 11 U8 SMD49S 8MHz XTAL Y1 SMD23X25r12MHz Crystal Y2 12,768k 32.768k CRYSTAL Y3 Header, 4-Pin, Dual row CTystal Crystal Cystal Cystal Oscillator Crystal SMHz Crystal SMHz Crystal SMHz PLUG	6 6_1 Header 4X2 U2 Header, 4-Pin, Dual row 10 M25Q16 W25X16 U4 SOP16M CH340G CH340G U7 SOT223 AMS1117-3.3V 11 U8 SMD49S 8MHz XTAL Y1 Crystal Oscillator 10 MD_32x25r 12MHz Crystal Y2 SMD SWD SWD SWD SWD SWD SWD SWD SWD SWD SW				· ·	Resistor	- 2
NRF2401	NRF2401	.QFP144N			U1		1
W25Q16   W25Q16   W25X16   U4   W25Q16   CH340G   U7   USB2UART   CTystal   W25Q16   W25X16   U4   W25Q16   CH340G   U7   USB2UART   W25Q16   W25X16   U7   W25Q16   W25X16	SOIC8P   W25Q16   W25X16   U4   SOP16M   CH340G   CH340G   U7   USB2UART   SOIC223   AMS1117-3.3V   11   U8   USMD_32X25r   12MHz   Crystal   Y2   SOIC23   CRYSTAL   Y3   Crystal 8MHz PLUG   SOIC23						
W25Q16   W25Q16   W25X16   U4   W25Q16   CH340G   U7   USB2UART   CTystal   W25Q16   W25X16   U4   W25Q16   CH340G   U7   USB2UART   W25Q16   W25X16   U7   W25Q16   W25X16	SOIC8P   W25Q16   W25X16   U4   SOP16M   CH340G   CH340G   U7   USB2UART   SOIC223   AMS1117-3.3V   11   U8   USMD_32X25r   12MHz   Crystal   Y2   SOIC23   CRYSTAL   Y3   Crystal 8MHz PLUG   SOIC23	*4	NRF2401	Header 4X2	U2	Header, 4-Pin, Dual row	1
SOT223	SOT223						1
SOT223	SOT223					USB2UART	1
SMD49S         8MHz         XTAL         Y1         Crystal Oscillator           SMD_32x25r12MHz         Crystal         Y2         7           12.768k         32.768k         CRYSTAL         Y3         Crystal 8MHz PLUG	SMD49S         8MHz         XTAL         Y1         Crystal Oscillator           SMD_32x25r12MHz         Crystal         Y2         1           12.768k         32.768k         CRYSTAL         Y3         Crystal 8MHz PLUG         1           96         96         96         1         1						1
SMD_32x25r12MHz     Crystal     Y2       n     22.768k     32.768k     CRYSTAL     Y3       Crystal 8MHz PLUG     96	SMD_32x25r 12MHz					Crystal Oscillator	'
n	n		-				
96	96	SIVID_32x25r	ı∠IVIHZ	Crystal	Y2		1
96	96	n					
<del></del>	<del></del>	2.768k	32.768k	CRYSTAL	Y3	Crystal 8MHz PLUG	1
	pproved Notes	hnroved		Notes			96