



Title		
Size	Number	Revision
A		
Date:	16/10/2016	Sheet of
File:	C:\Users\...SCH-MAKEY MAKEY PTI\DEAM B1016.SchDoc	

Comment	Description	Designator	Footprint	LibRef	Quantity
Function	Switch button 2 pin	Btn1	Button_SMD_2pin	Button_SMD_2pin	1
104	Cap SMD, Cap SMD, Cap SMD, Cap SMD, Cap SMD, Cremic For Xtal 1pF => 100pF, Cap SMD, Cap SMD, Cap SMD, Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF	C1, C2, C3, C4, C5, C6, C11, C12, C13, C14, C15, C16, C17	CAP-0603	CM, CM, CM, CM, CM, CM, CM, CN0, CM, CM, CM, CN0, CN0	13
1uF	Cremic For Xtal 1pF => 100pF, Cremic For Xtal 1pF => 100pF, Cap SMD, Cap SMD	C7, C8, C9, C10	CAP-0603	CN0, CN0, CM, CM	4
22pF	Cremic For Xtal 1pF => 100pF	C_ta1, C_ta2	CAP-0603	CN0	2
color	Led smd	LED1, LED3	LED-0805	Led_SMD	2
LM1117	3v3	LM1	SOT223-4N	LM1117	1
0R	Resistor smd 0603 type	R1, R2, R4, R5, R6, R7, R8, R11, R13, R14	RES-0603	Res_SMD_0603	10
1k2	Resistor smd 0603 type	R3, R12	RES-0603	Res_SMD_0603	2
1k5	Resistor 1/4W	R9	RES-0603	R	1
10k	Resistor smd 0603 type	R10	RES-0603	Res_SMD_0603	1
C_Sensor		S1, S2, S3, S4, S5, S6, S7, S8, S9	SOP2	C_Sensor	9
		SPI	JP6	SPI_Connector	1
		SWD_Connector	JP_5	Load_Program	1
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
Connector	Connector to USB2Com module	UART1_Connector	JP6	USB2Com_Conn	1
		USB_Mini1	Micro_USB	USB_M	1
8Mhz	Crystal For all Crystal 2p	X_TA1	XT2	XT2	1