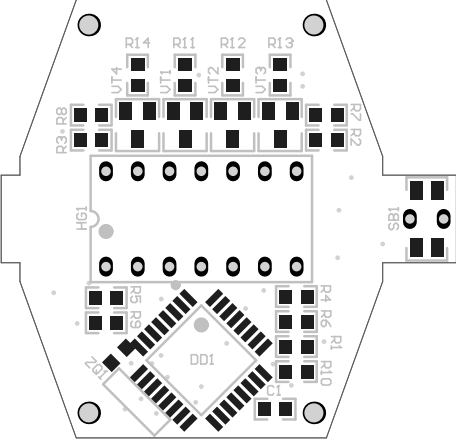
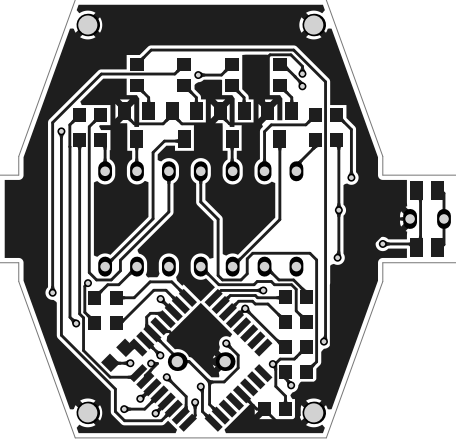
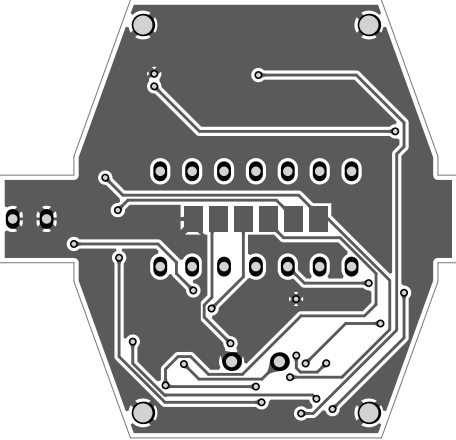
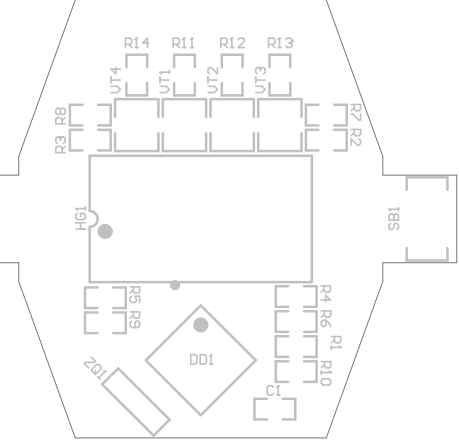


					АБВГ 408472.001						
					SM4RT W8TCH СХЕМА ЭЛЕКТРИЧЕСКАЯ ПРИНЦИПИАЛЬНАЯ	Лит.			Масштаб	Масса	
Изм.	Лист	№ докум.	Подп.	Дата							
Разраб.		Grigoryev V.									
Пров.		Grigoryev V.									
Т.контр.						Лист 1		Листов			
Нач.сект.						VGM Electronics					
Н.контр.											
Утв.											







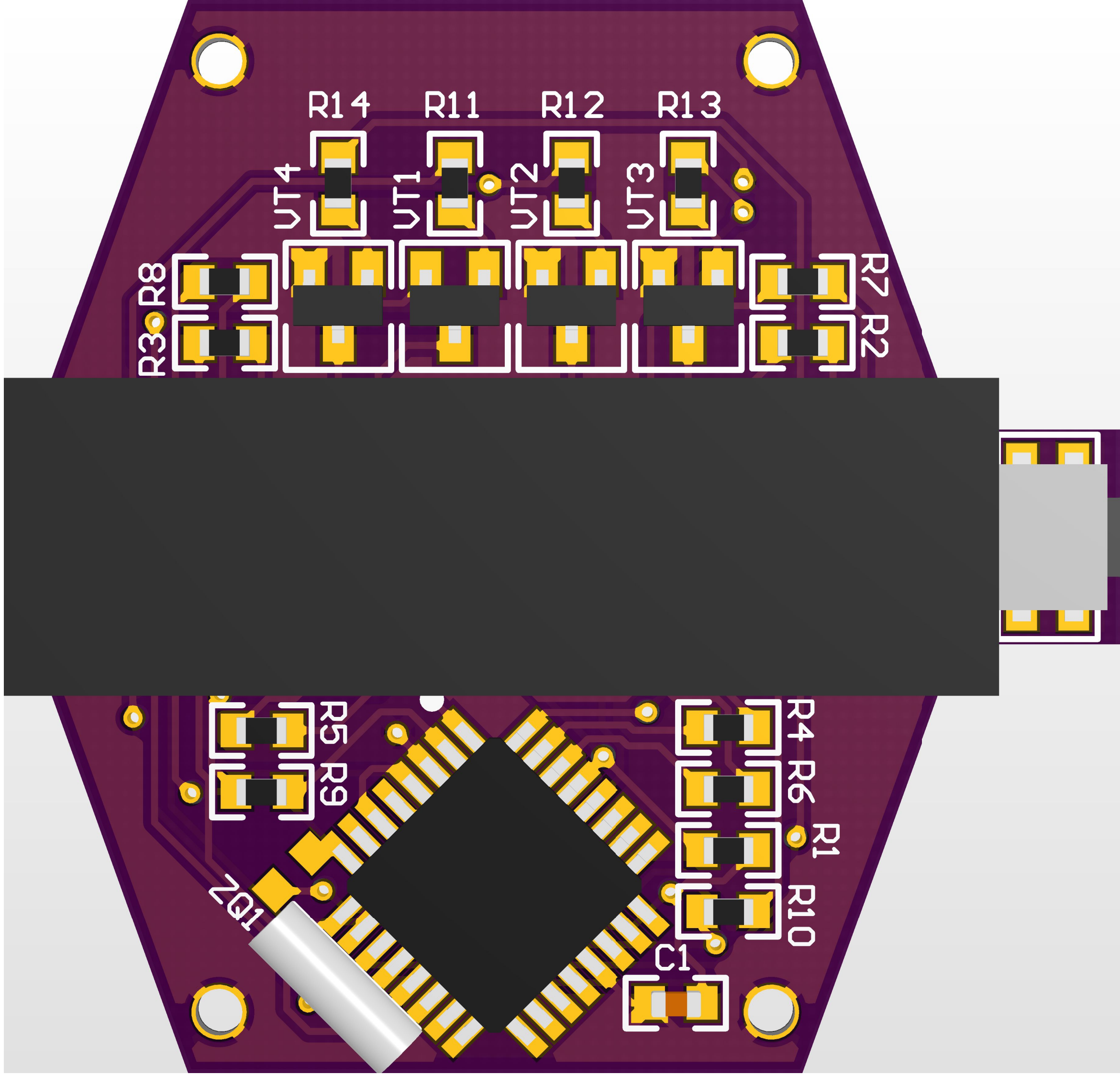




GND RST MISO
VCC SCK MOSI

CR2330
GND VCC

SM4R
W8TCH





Per aspera ad astra

SMARTCH
W813M

GND RST MISO



VCC SCK MOSI

CR2330

GND

VCC



Comment	Description	Designator	Quantity	Footprint	LibRef
	SM4RT W8TCH Logo		1	Sm4rt W8tch	SM4RT W8TCH
	VGM Electronics Logo		1	LOGO medium	VGM LOGO
ATmega48	8-bit AVR MCU	DD1	1	TQFP-32	ATmega48
AVR Programming Connector	Group of pads for programming AVR MCU	XP1	1	AVR PROGRAMMING SMD PAD	AVR Programming Pad
Ceramic Cap	Ceramic Cap	C1	1	MLCC 0603 (1608)	Ceramic Cap
GND	Socket	J2	1	PIN1	Socket
GNQ-2841Cx/Dx	Green 7-segment display x 4	HG1	1	GNQ-2841CX/DX	GNQ-2841Cx/Dx
IT-1189UE	SMD Tact Switch	SB1	1	IT-1189UE	IT-1189UE
Vcc	Socket	J1	1	PIN1	Socket
XTAL	Quartz Oscillator	ZQ1	1	XTAL 32.768 KHZ 0603	XTAL
BC817-40	NPN General Purpose Transistor	VT1, VT2, VT3, VT4	4	SOT-23	BC817-40
Resistor	Resistor	R1, R2, R3, R4, R5, R6, R7	14	RESISTOR 0603 (1208)	Resistor