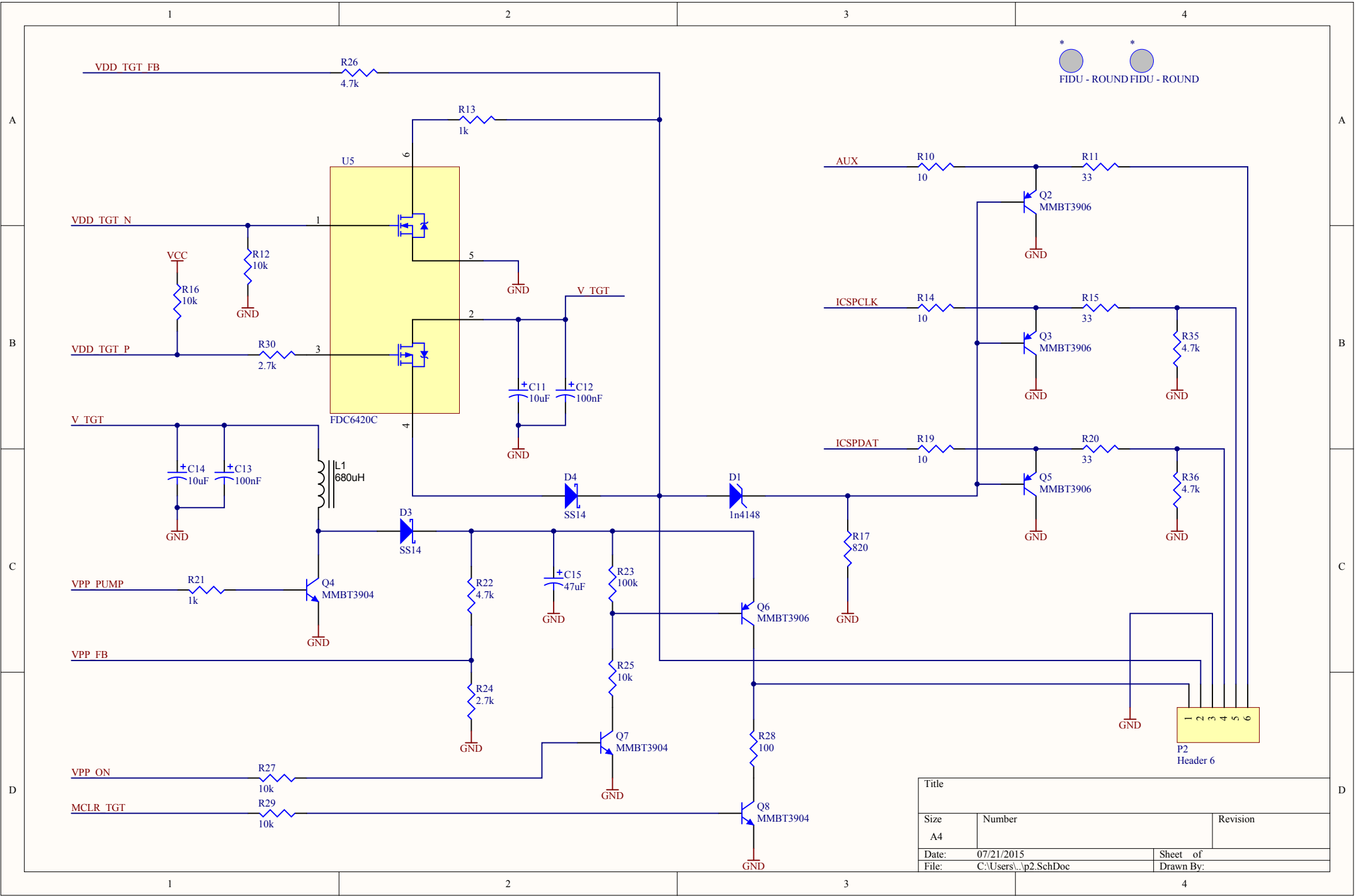
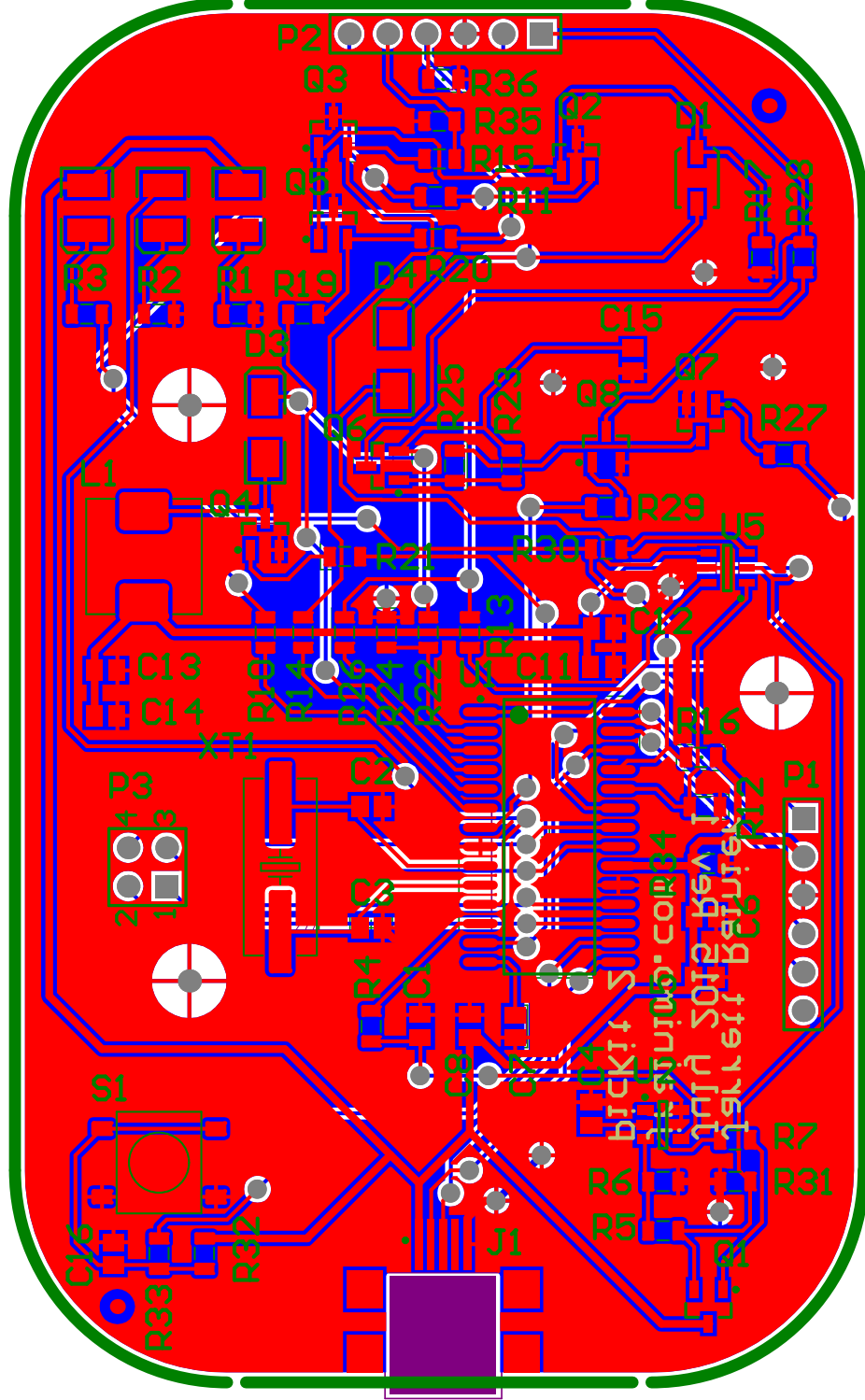


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Comment	Description	Designator	Footprint	Quantity	Supplier Part Number 1	Supplier Unit Price 1
1n4148	Surface Mount Zener Diode	D1	SOD-123	1	1N4148W-E3-18CT-ND	0.32
20.00MHz	Resonator Ceramic 20.00 MHz 30ppm	XT1	CRYSTAL_HC49-US-SM	1	XC1254CT-ND	0.8
680uH	Inductor Power 10uH 2.1A 7.6x7.6mm SMD	L1	IND_WW_DR73	1	513-1129-1-ND	2
BUSY	Typical BLUE SLC LED	RED	3.5X2.8X1.9	1	732-5000-1-ND	0.38
Cap Pol3	Polarized Capacitor (Surface Mount)	C1, C2, C3, C4, C5, C6, C7, C8, C11, C12, C13, C14, C15, C16	C0805	14		
FDC6420C		U5	SSOT23	1	FDC6420CCT-ND	0.91
FIDU - ROUND			FIDU-ROUND	2		
Header 2X2	Header, 2-Pin, Dual row	P3	HDR2X2	1	609-3242-ND	0.24
Header 6	Header, 6-Pin	P1, P2	HDR1X6	2	S5481-ND	1.11
IRLML6401	HEXFET Power MOSFET	Q1	Micro3_N	1	IRLML6401PBFC1-ND	0.68
MCP6001T-I/OT	1 MHz, Low-Power Operational Amplifier, 5-Pin SOT-23, Industrial Temperature, Tape and Reel	U2	SOT-23-OT5_N	1	MCP6001T-I/OTCT-ND	0.39
MiniUSB	USB On-The-Go (OTG) Mini-B Receptacle, Right Angle, SMT, 0.80mm (.031") Pitch, Solder Tabs with Back Cover, Recessed Type	J1	microusb	1	WM17122CT-ND	2.05
MMBT3904	NPN Switching Transistor	Q4, Q7, Q8	SOT23_N	3	MMBT3904FSCT-ND	0.21
MMBT3906	PNP Switching Transistor	Q2, Q3, Q5, Q6	SOT23_N	4	MMBT3906LT1TGOSCT-ND	0.16
PIC18F2550-I/SO	High Performance, Enhanced Flash, USB Microcontroller with nanoWatt Technology, 32K Flash, 28-Pin SOIC, Industrial Temperature Range	U1	SOIC-SO28_N	1	PIC18F2550-I/SO-ND	6.65
POWER	Typical BLUE SLC LED	GREEN	3.5X2.8X1.9	1	732-4997-1-ND	0.38
Res3	Resistor	R1, R2, R3, R4, R5, R6, R7, R10, R11, R12, R13, R14, R15, R16, R17, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36	RESC2012X70N	33		
SS14	Schottky Rectifier	D3, D4	SMA	2	SS14-E3/61TGIC1-ND	0.6
TARGET	Typical BLUE SLC LED	YELLOW	3.5X2.8X1.9	1	732-4995-1-ND	0.38
TS-1143S-WP	Switch SMD Tact 4.3x	S1	TS-1143S	1	CKN10304CT-ND	0.83