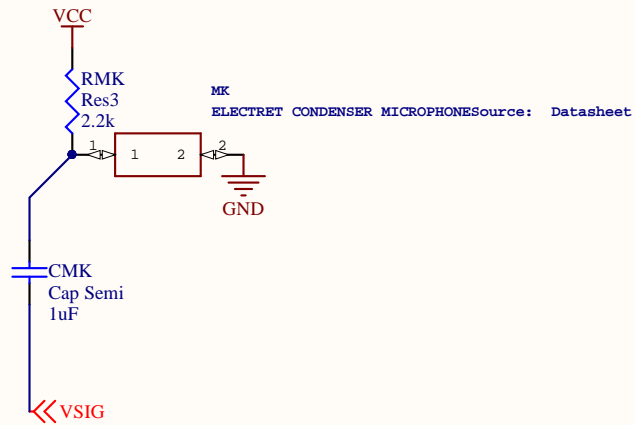
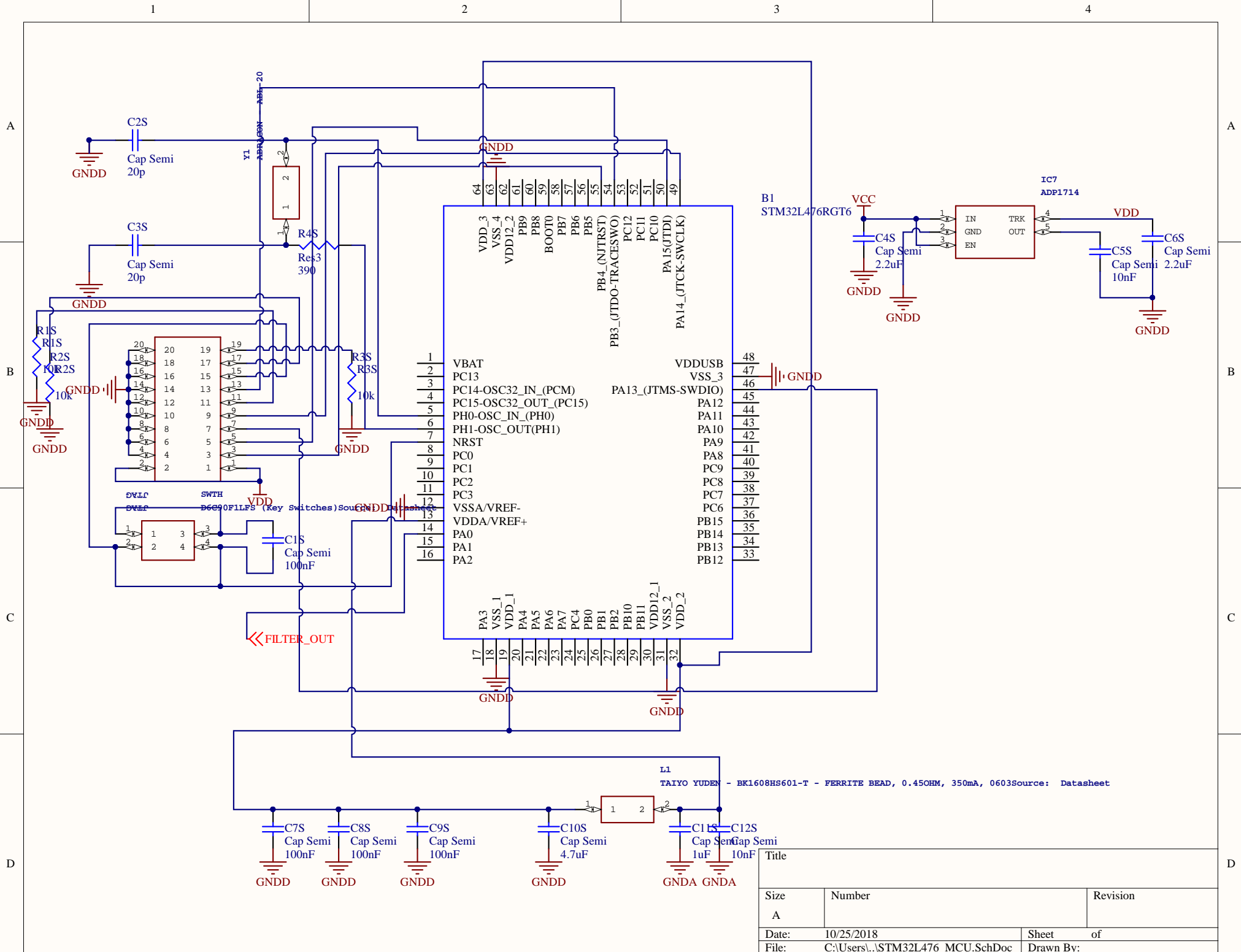


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File:	C:\Users\...\Butterworth 8th_order_Filter.SchDoc	Drawn By:



Title		
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Comment	Description	Designator	Footprint	LibRef	Quantity
RP		10	RESAD3800W75L160 0D550	ROX3SJ220R	1
STM32L476RG6	ARM MCU 32-bit 80MHz 1024KB LQFP64 STMicroelectronics STM32L476RG6, 32bit ARM Cortex M4 MCU, 80MHz, 1 MB Flash, 64-Pin LQFP	B1	QFP50P1200X1200X 160-64N	STM32L476RG6	1
Cap Semi	Capacitor (Semiconductor SIM Model)	BC1, BC2, BC3, BC4, BC5, C01, C1M, C1S, C2A, C2B, C2C, C2D, C2M, C2S, C3M, C3S, C4M, C4S, C5A, C5B, C5C, C5D, C5P, C5S, C6P, C6S, C7P, C7S, C8P, C8S, C9S, C10S, C11S, C12S, CMK, CO2, CO3	1608[0603]	Cap Semi	37
Step-Down RegulatorsSource: Datasheet		Buck	SOIC127P600X175- 9N	ADP2302ARDZ-5.0- R7	1
Littelfuse P6SMB12CAT3G, Bi- Directional TVS Diode, 600W, 2-Pin SMBSource: Datasheet		D1P	DIONM5436X247N	P6SMB12CAT3G	1
ADP1714		IC7, IC22	SOT95P280X100-5N	ADP1714AUJZ-3.3- R7	2
3 pins		J2	HDRV3W95P0X254_ 1X3_762X254X869	61300311121	1
2PIN		J3, J4	HDRV2W110P0X254_ 1X2_508X254X85	61300211121	2
JTAG		JTAG	SAMTEC_SSW-110- 01-G	SSW-110-01-G-D	1
TAIYO YUDEN - BK1608HS601-T - FERRITE BEAD, 0.45OHM, 350mA, 0603Source: Datasheet		L1	BEADC1608X95N	BK1608HS601-T	1
MSS1038		LB	INDM102102X400N	MSS1038-183MLB	1
ELECTRET CONDENSER MICROPHONESourc e: Datasheet		MK	CMA-4544PF-W	CMA-4544PF-W	1
R1A	Resistor	R1A	J1-0603	Res3	1
Res3	Resistor	R1B, R1C, R1D, R1M, R2A, R2B, R2C, R2D, R2M, R3A, R3B, R3C, R3D, R3M, R4A, R4B, R4C, R4D, R4S, R8P, RMK, RT1, RT2, RT3, RT4	J1-0603	Res3	25
R1S	Resistor	R1S	J1-0603	Res3	1
R2S	Resistor	R2S	J1-0603	Res3	1
R3S	Resistor	R3S	J1-0603	Res3	1
D6C90F1LFS (Key Switches)Source: Datasheet		SWTH	D6C10F1LFS	D6C90F1LFS	1
TLV6004	Low Power Quad Differential Comparator	U	SOP65P640X120- 14N	LP2901D	1
REF		X1	SOT95P290X145-5N	OPAMP2	1
ABRACON - ABL-20		Y1	HC/49US_(AT49)PTH	ABL-20.000MHZ-B2	1