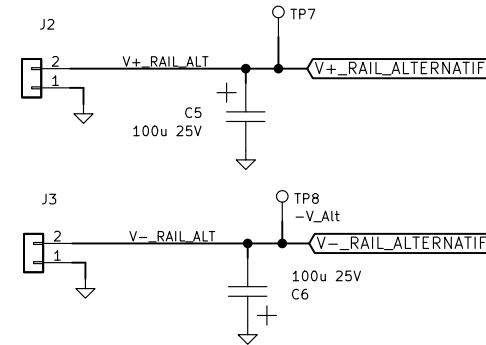
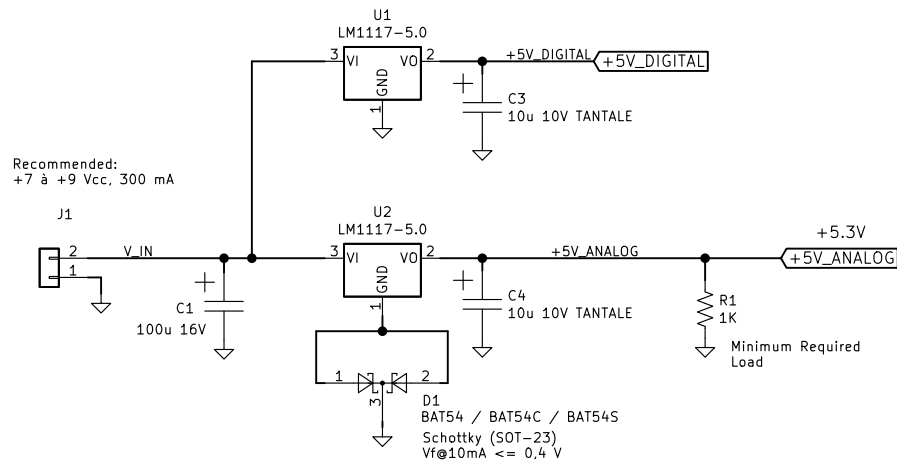
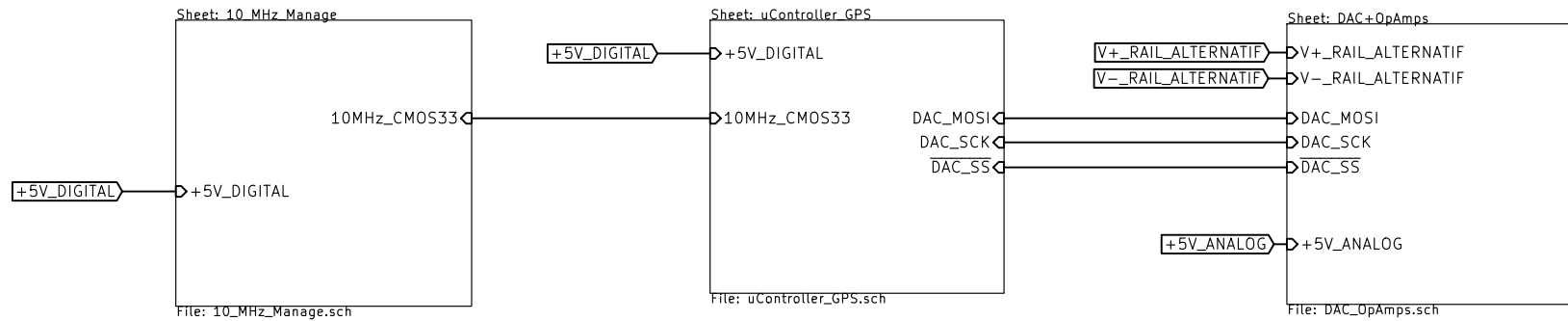


10 MHz GPS-Derived Reference. v1 – March 2024
 VE2ZAZ / VA2IW. <https://ve2zaz.net> <https://www.youtube.com/ve2zaz>

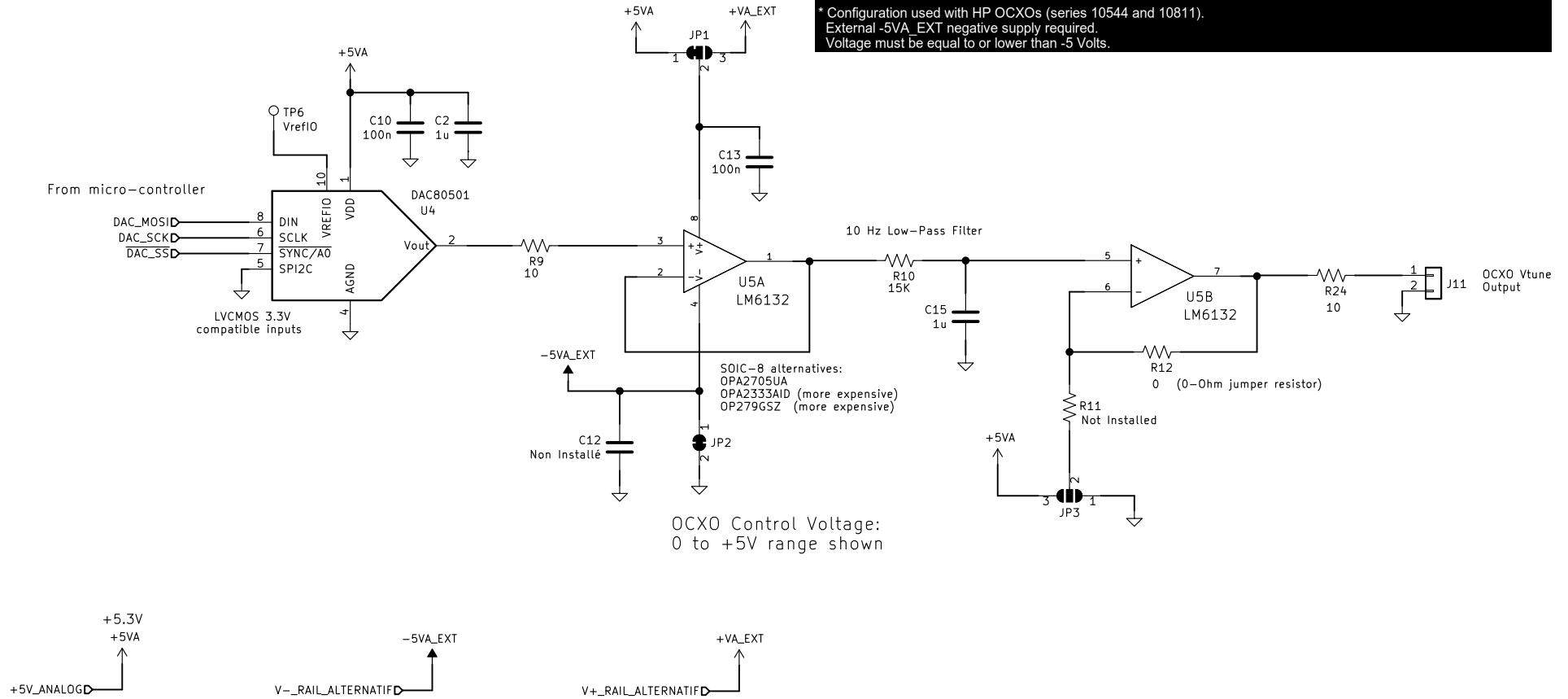


DAC AND OCXO CONTROL OUTPUT

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OCXO Tuning Voltage Range	Post-DAC Gain	R11	R12	C12	Jumper JP1 Upper Voltage Rail	Jumper JP2 Lower Voltage Rail	Jumper JP2 Offset
0 to +5V	1.0	Not Installed	0 Ohm	Not Installed	Position 1-2	Installed	Not Installed
0 to +8V #	1.6	100K	62K	Not Installed	Position 2-3	Installed	Position 1-2
0 to +10V #	2.0	100K	100K	Not Installed	Position 2-3	Installed	Position 1-2
-5V to +5V *	2.0	100K	100K	0.1uF	Position 1-2	Not Installed	Position 2-3

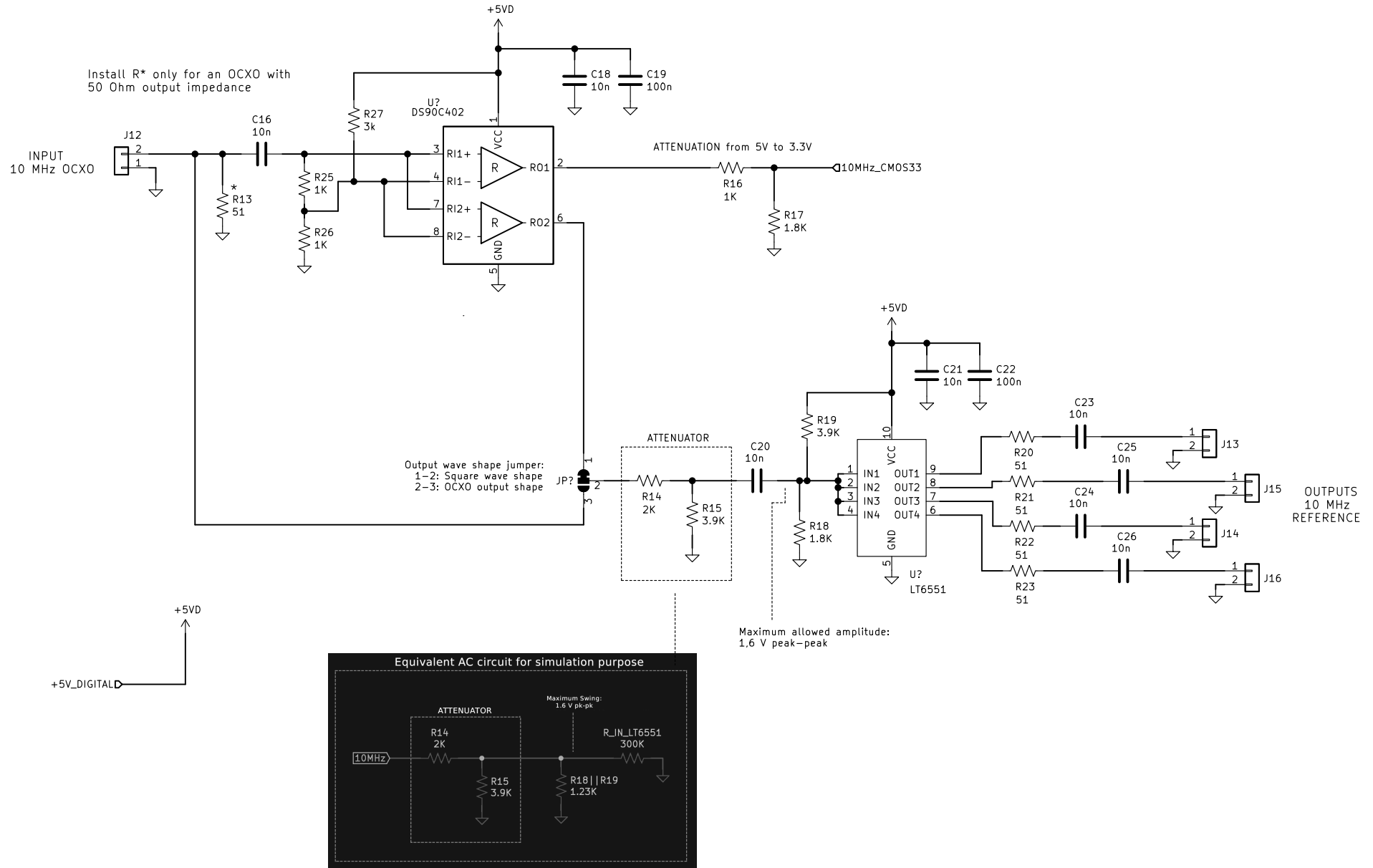
External +VA_EXT positive supply required. Voltage must be equal to or greater than +8 Volts.
 * Configuration used with HP OCXOs (series 10544 and 10811). External -5VA_EXT negative supply required. Voltage must be equal to or lower than -5 Volts.



10 MHZ DETECTION AND DISTRIBUTION

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MICRO-CONTROLLER AND GPS

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