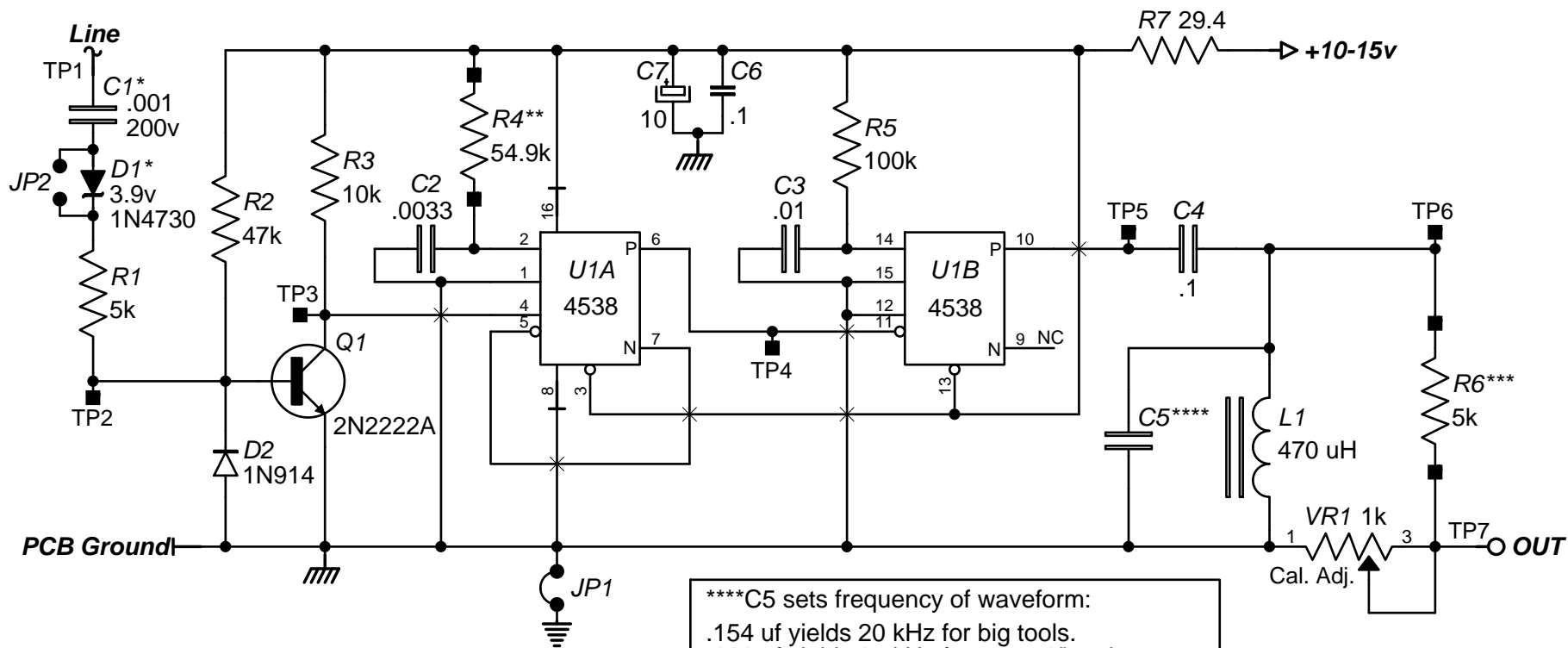


CEMENT BOND TOOL SINE WAVE CALIBRATION CIRCUIT

CRC / Western Style Ringing Inductor Decaying Sine Wave Output



****C5 sets frequency of waveform:
 .154 uf yields 20 kHz for big tools.
 .068 uf yields 25 kHz for some 2" tools.
 .047 uf yields 30 kHz for some 1-11/16" tools.
 .022 uf yields 50 kHz for some small Bell tools.

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NOTES:

- * C1 ranges from 500pf to .005uf depending on trigger pulse amplitude. Select D1 to prevent self-triggering; install JP2 for weak trigger pulses.
- ** R4 sets cal pulse position; about 250 useconds as shown.
- *** R6 ranges from 1.5 to 10 kilohm depending on bond amplifier gain.

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CBT Calibration Circuit		CBLCAL1.sch
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