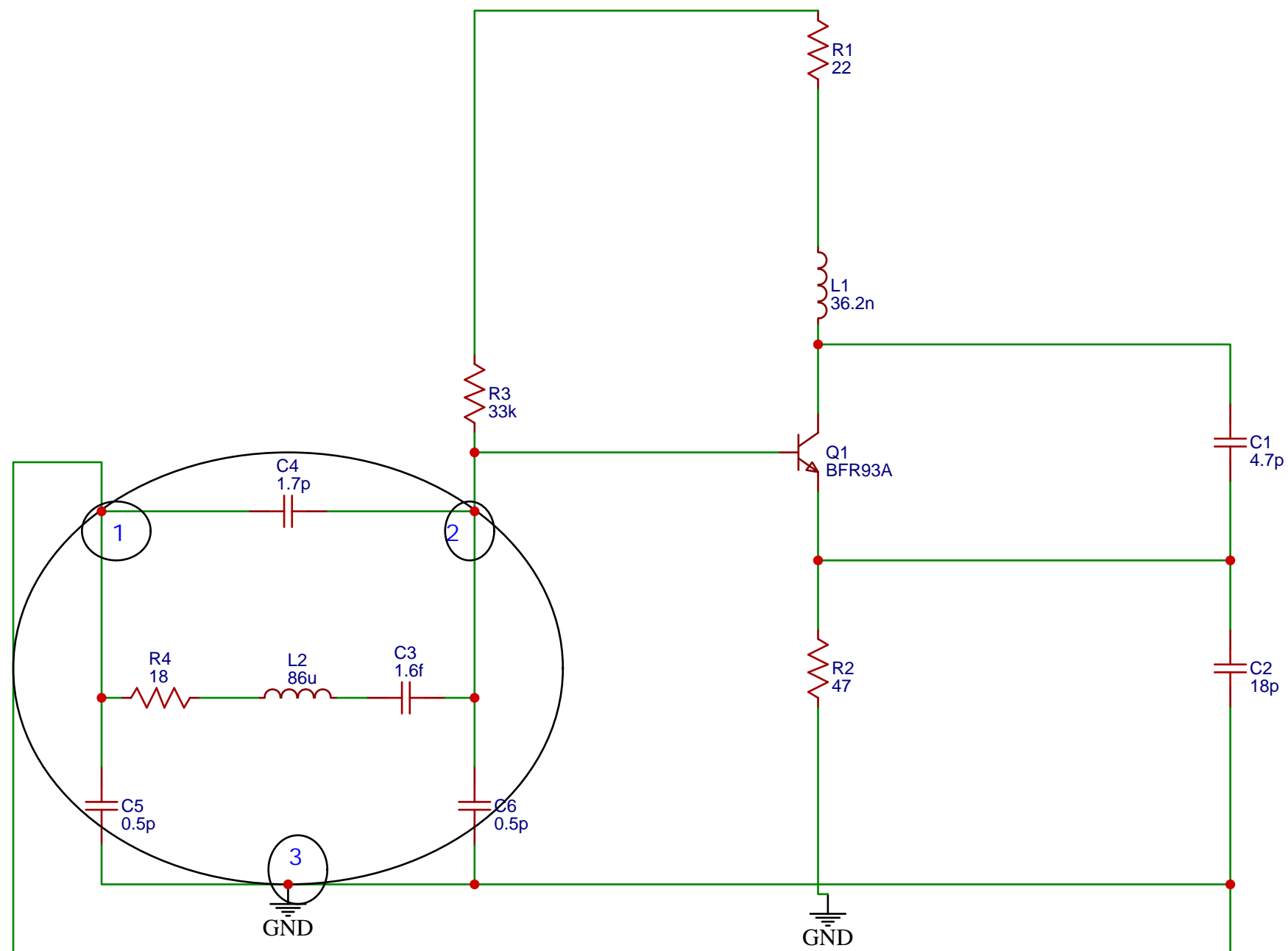


Colpitt's Oscillator circuit using SAW device



1. Tank circuit: Parallel LC with L and C1/C2 in parallel sets oscillation frequency.
2. Frequency range: Wide, from kHz to GHz, depending on component values.
3. Frequency stability: Good, due to less inductive feedback path.
4. Waveform purity: Low harmonic distortion, producing relatively pure sine wave.
5. Tuning: Adjust frequency by varying L, C1, or C2 (often using variable capacitors).

TITLE: Colpitt's using SAW		REV: 1.0
EasyEDA	Company: Mrxt	Sheet: 1/1
	Date: 2024-01-08	Drawn By: