

### Low-Gain Electronics Short Bus V3 BOM

QTY	Value	Part Number	Mouser Part Number
7	1N5817	1N5817	<a href="#">583-1N5817-T</a>
7	SPDT on-off-on miniature toggle	100SP3T1B1M1QEH	<a href="#">612-100-C1111</a>
9	PJ301M-12		<a href="#">Modular Addict</a>
2	10K 1% Metal Film 1/4W	MFR-12FRF52-10K	<a href="#">603-MFR-12FRF5210K</a>

\*The ShortBus can easily be turned into a Switched Passive Mixer for summing voltages or audio together. Simply omit the two 10K resistors and replace the diodes with 10K resistors, and jumper the input jack normals to ground to reduce bus loading