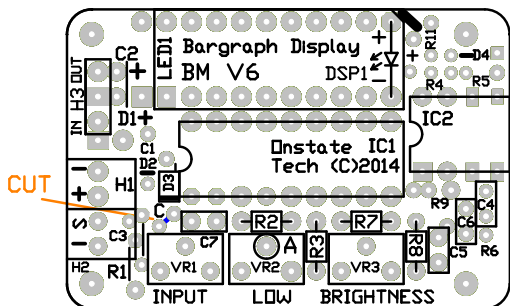
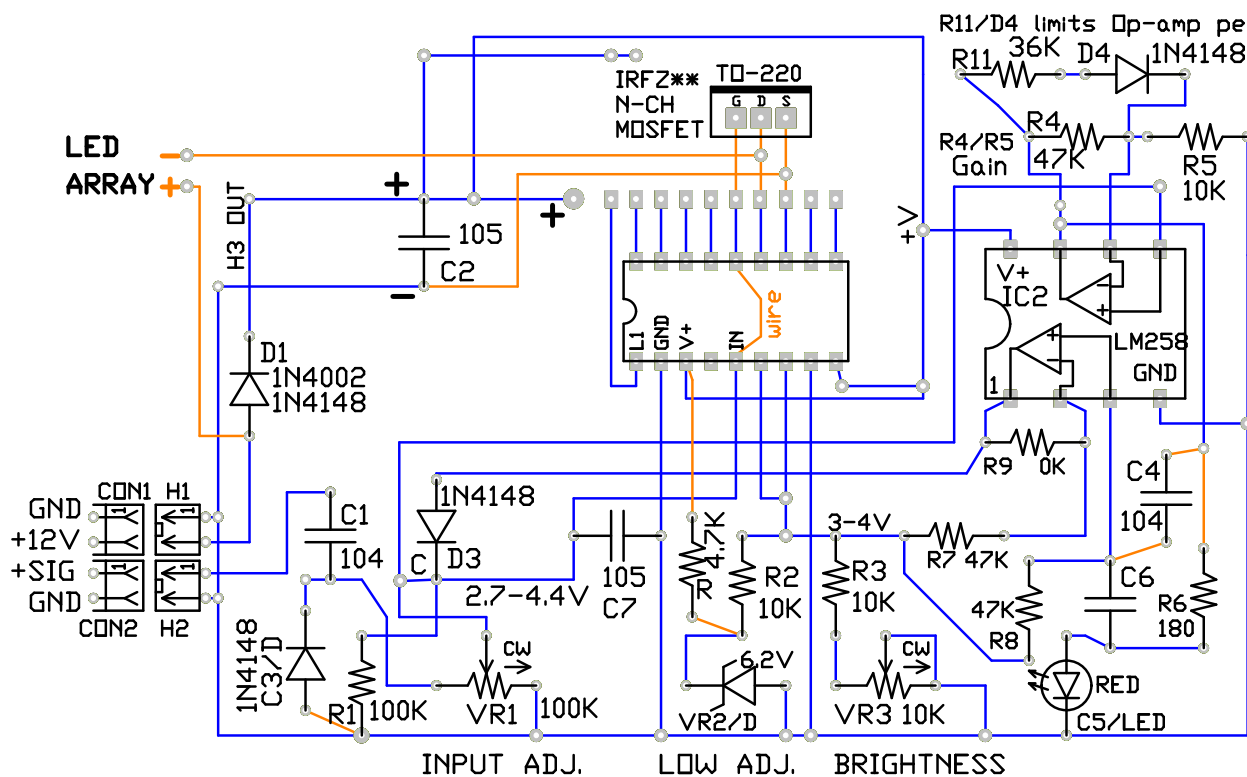


1-CH Music LED Flasher Display



Parts Labels



C1: OP-AMP signal select, cut bottom trace when using op-amp.

R11/D4 limits Op-amp peak gain (optional).
 R11 36K D4 1N4148
 Bargraph Display Meter
 Part: BM-V6 (C)2014
 AUDIO LEVEL DISPLAY METER
 All *-ND are Digi-Key part codes (Digi-key.com)
 All resistors: 1/8W, 5%
 (value)EBK-ND, eg. 47KEBK-ND (47K)
 Trimmer resistors (VR), Cermet, PC pins
 3362P-<VALUE>LF-ND, top adj. 103=10k, 104=100k
 3362S-1-<VALUE>LF, side adj. 203=20k
 D1: 1N4148, general Si diode, 0.2A
 J2/H3: Jumper, D1 diode
 VR2/D: 6.2V zener diode, 1N5234
 Caps C: mono cer. 104=0.1µF, 103=0.01µF, 105=1.0µF
 C2: power filter, any type >1.0µF on +/-
 IC1: Not used, use N-CH MOSFET
 IC2: LM258 dual op-amp
 AMP-B=GAIN, AMP-A= signal buffer.
 VR1: Input level adjust.
 VR3: LED array minimum brightness.
 C5/LED: LED peak level, signal overload.