

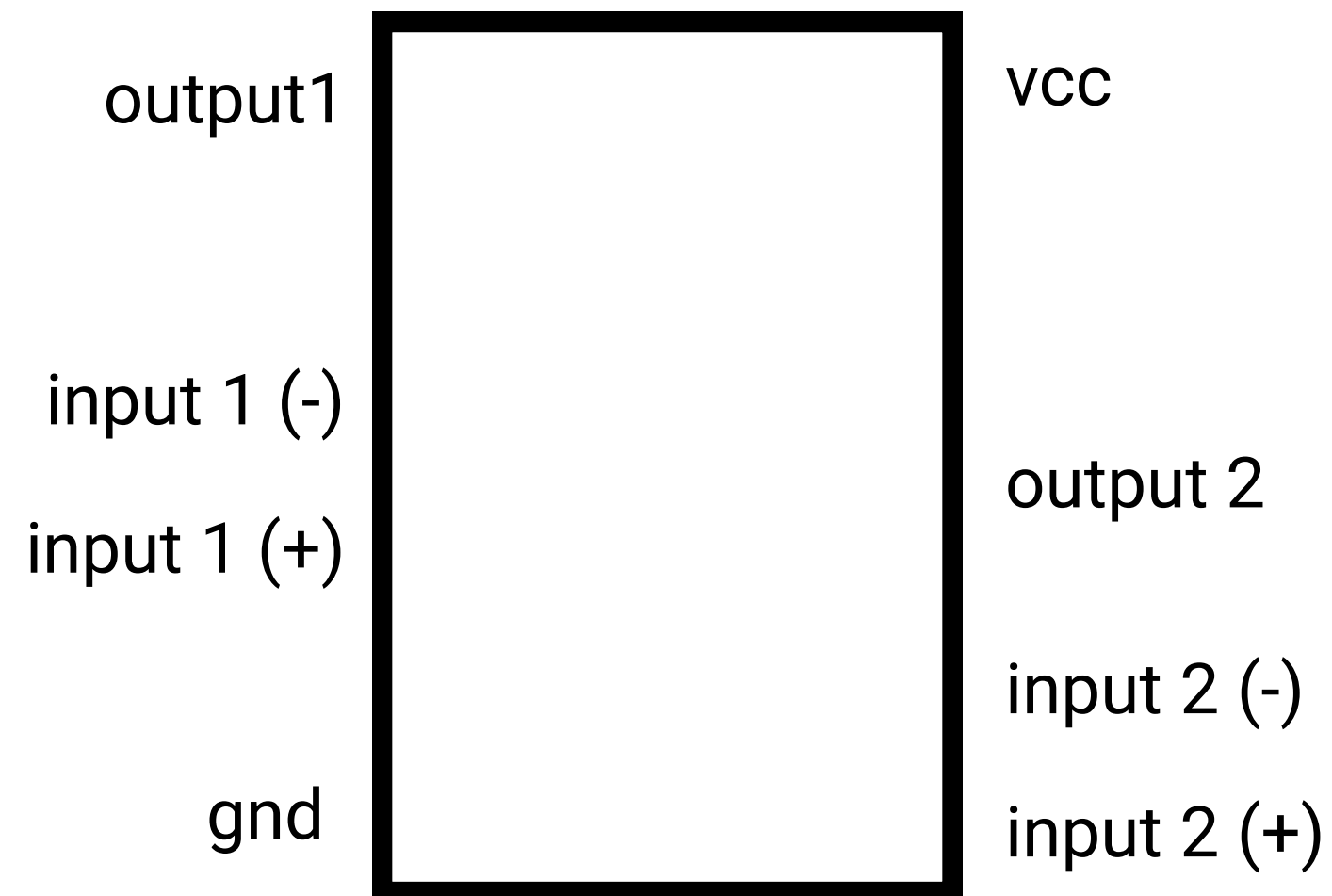
# nodeMCU - lecture

**LM-939** it's present on IR sensor, to amplify signal.

$$v(\text{output}) = \text{gain} * v(\text{input})$$

where,  
 $v(\text{input}) = v_2 - v_1$

so that,  
 $v(\text{output}) = g * (v_2 - v_1)$



~ by K. S.