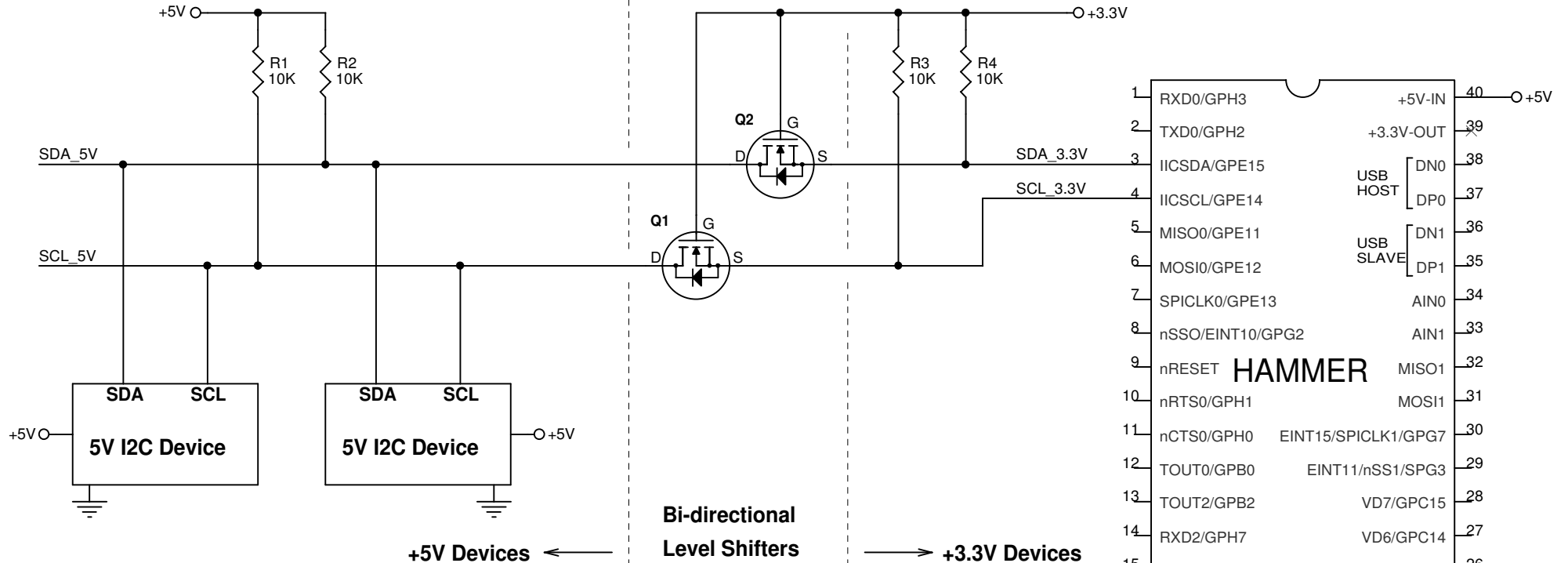


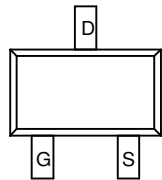
Hammer: How to Interface to 5V I2C-bus Devices

+5V Devices ← Bi-directional Level Shifters → +3.3V Devices



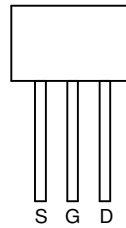
Parts Required: 4 - 10K Ohm Resistors
2 - N-Channel MOSFET's

MOSFET: BSS138

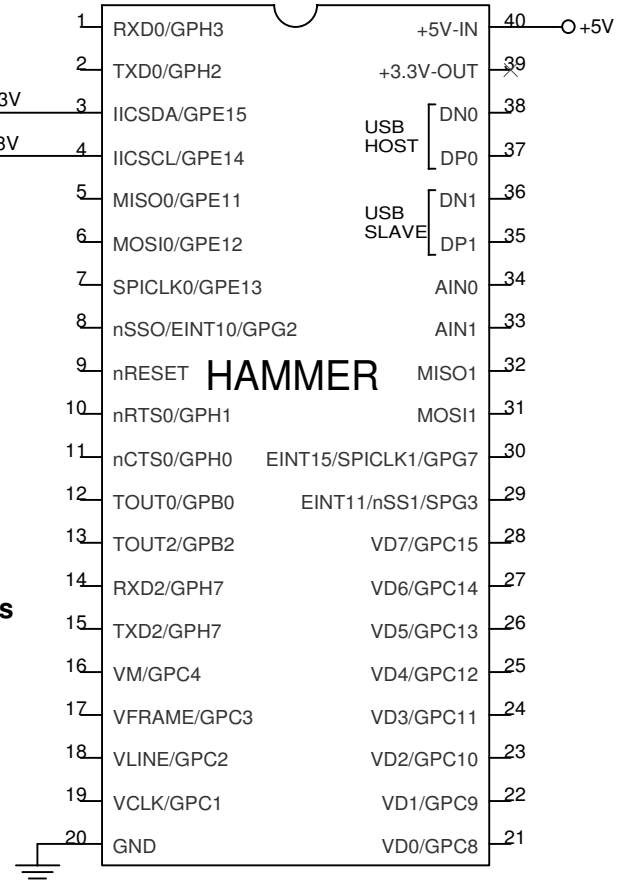


TOP VIEW
SOT-23 PACKAGE

MOSFET: VN2222L
MOSFET: 2N7002



TOP/FRONT VIEW
TO-92 PACKAGE



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