



|       |  |          |                                    |    |  |
|-------|--|----------|------------------------------------|----|--|
| Title |  |          | Andy's Brewery Temperature Sensors |    |  |
| Size  | Number   | Revision |                                    |    |  |
| A3    | 1  |          |                                    | v1 |  |
| Date: | 02/09/2017   | Sheet of |                                    |    |  |
| File: | P:\docs\...brewery temperature 2.SchDoc\Drawn By: Andy Brown |          |                                    |    |  |

[1] LTC2986CLX#PBF (0-70C operating range) or LTC2986ILX#PBF (-40-85C operating range)  
 Select based on the lowest ambient temperature expected inside the IC housing (eg. PC case)

$$V_{out} = R_{19} \times 100\mu A$$