



Question:

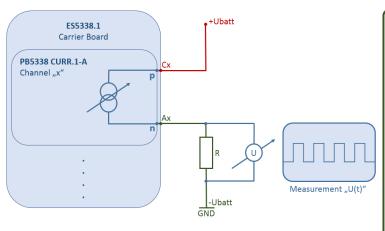
How to measure signals generated by the ES5338?



Answer:

The picture below shows possible external connections for measurement of signals generated by ES5338:

You need an external power supply (+Ubatt) and a pull-down resistor, a value of $1k\Omega$ should fit.



| Α | Signal | В | Signal | C | Signal | ١ |
|-----------|----------|-----------|-------------|-----------|----------|------------|
| 24- 32 | n.c. | 24- 32 | n.c. | 24- 32 | n.c. | A в С \ |
| 23 | Curr 5 n | 23 | Reference 5 | 23 | Curr 5 p | |
| 22 | n.c. | 22 | n.c. | 22 | n.c. 🖟 | 32 |
| 21 | n.c. | 21 | n.c. | 21 | n.c. | |
| 20 | n.c. | 20 | n.c. | 20 | n.c. | |
| 19 | Curr 4 n | 19 | Reference 4 | 19 | Curr 4 p | |
| 18 | n.c. | 18 | n.c. | 18 | n.c. | |
| 17 | n.c. | 17 | n.c. | 17 | n.c. | 898 |
| 16 | n.c. | 16 | n.c. | 16 | n.c. | |
| 15 | Curr 3n | 15 | Reference 3 | 15 | Curr 3p | |
| 14 | n.c. | 14 | n.c. | 14 | n.c. | |
| 13 | n.c. | 13 | n.c. | 13 | n.c. | |
| 12 | n.c. | 12 | n.c. | 12 | n.c. | |
| 11 | Curr 2 n | 11 | Reference 2 | 11 | Curr 2 p | |
| 10 | n.c. | 10 | n.c. | 10 | n.c. | |
| 9 | n.c. | 9 | n.c. | 9 | n.c. | |
| 8 | n.c. | 8 | n.c. | 8 | n.c. | |
| 7 | Curr 1 n | 7 | Reference 1 | 7 | Curr 1 p | |
| 6 | n.c. | 6 | n.c. | 6 | n.c. | |
| 5 | n.c. | 5 | n.c. | 5 | n.c. | |
| 4 | n.c. | 4 | n.c. | 4 | n.c. | |
| 3 | Curr 0 n | 3 | Reference 0 | 3 | Curr 0 p | |
| 2 | n.c. | 2 | n.c. | 2 | n.c. | -1- |
| 1 | n.c. | 1 | n.c. | 1 | n.c. | |

+Ubatt max. <= 56V.



Additional information:

This FAQ was intended for the ES5338 but it is the same for the ES1337. Please keep in mind that the ES1337 has a current interface and not a voltage interface.

And the wheel sensors provide the voltage for the sensor simulation.

The circuit at the ES1337 is passive and needs the external voltage.



In case of further questions:

Please feel free to contact our Support Center, if you have further questions. Here you can find all information: http://www.etas.com/en/hotlines.php?langS=true&

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