

Sensemux SW - Feature #517

Why does mainswitch stabelize values?

23.04.2024 15:17 - Maximilian Seesslen

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |                             |             |
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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Neu    | <b>Beginn:</b>              | 23.04.2024  |
| <b>Priorität:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Normal | <b>Abgabedatum:</b>         |             |
| <b>Zugewiesen an:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        | <b>% erledigt:</b>          | 0%          |
| <b>Kategorie:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | <b>Geschätzter Aufwand:</b> | 0.00 Stunde |
| <b>Zielversion:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        | <b>Aufgewendete Zeit:</b>   | 0.00 Stunde |
| <b>CS Zielversion:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                             |             |
| <b>Beschreibung</b> <ul style="list-style-type: none"><li>• Measure super small time slices in order to detect noise.</li><li>• test capacitors to see changes</li><li>• Test inductance</li><li>• is constant load needed</li></ul> <p>The Oszi by itself helps even more. Unfortunately thats why i can not measure any issues. Is this the issue by setting a ground potential?</p> <ul style="list-style-type: none"><li>• I have the 5V-5V adapters</li></ul> <p>[[<a href="https://www.mikrocontroller.net/topic/255792">https://www.mikrocontroller.net/topic/255792</a>]]</p> <p>"wobei sich eine kleinere Drossel mit 10µH als ausreichend erwiesen hat"</p> <p>The analog multiplexer can be disabled and so a reference can be measured. If reference is off too much, values can be ignored and an alarm can be send.</p> <p>Referenz USB-Bauteil:<br/>1K@100MHz, 4,7µF(pol) + 100nF</p> |        |                             |             |

Historie

- #1 - 23.04.2024 16:32 - Maximilian Seesslen
- Beschreibung aktualisiert
- #2 - 23.04.2024 16:43 - Maximilian Seesslen
- Beschreibung aktualisiert
- #3 - 23.04.2024 18:10 - Maximilian Seesslen
- Beschreibung aktualisiert
- #4 - 24.04.2024 11:46 - Maximilian Seesslen
- Beschreibung aktualisiert
- #5 - 24.04.2024 12:08 - Maximilian Seesslen
- Beschreibung aktualisiert