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# 25EWR digimatic schnittstelle Analyse

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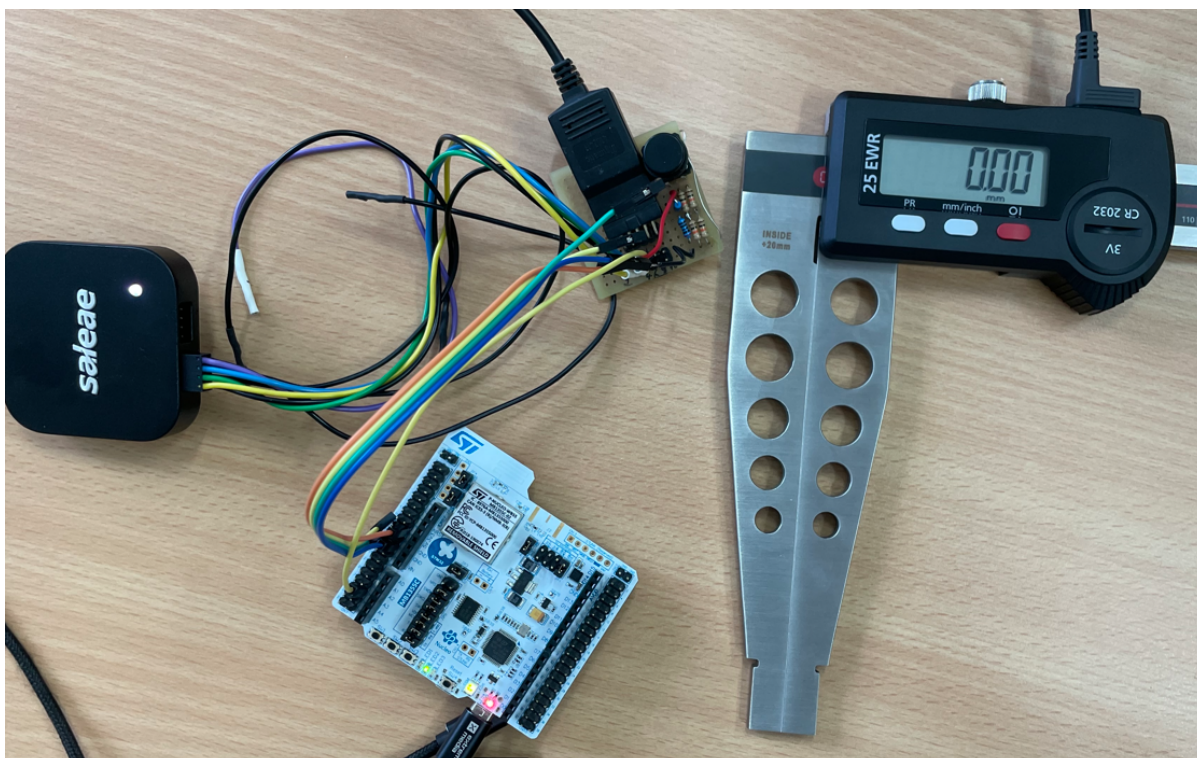
## 1. Messaufbau:

1.1. **18EWR/E** 500mm (Art.: 4112713, sn.: 12040130),

1.2. Digimatic Kabel: Digimatic, Art No. 4102411

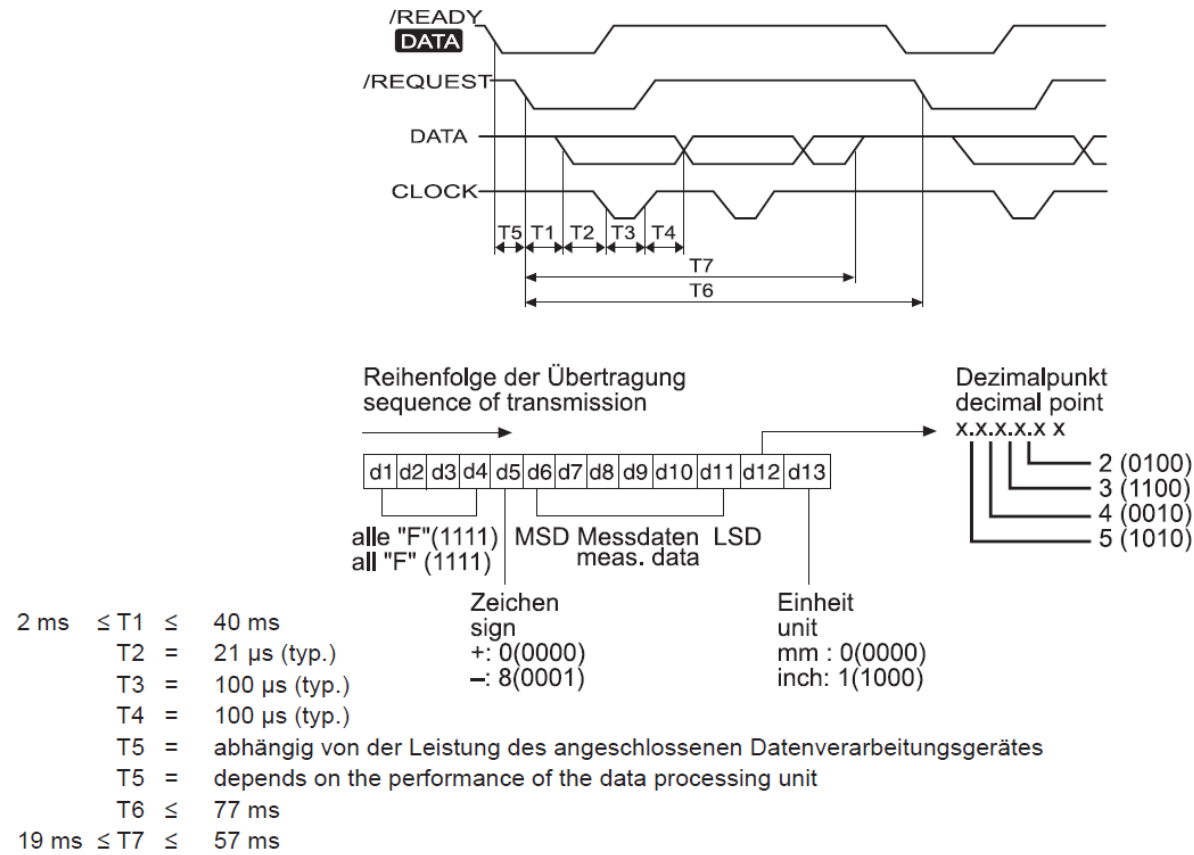
1.3. Messung/Empfänger: Saleae logic Pro 8

1.4. Signalkonditionierung: 3VDC an DATA, CLOCK und REQUEST



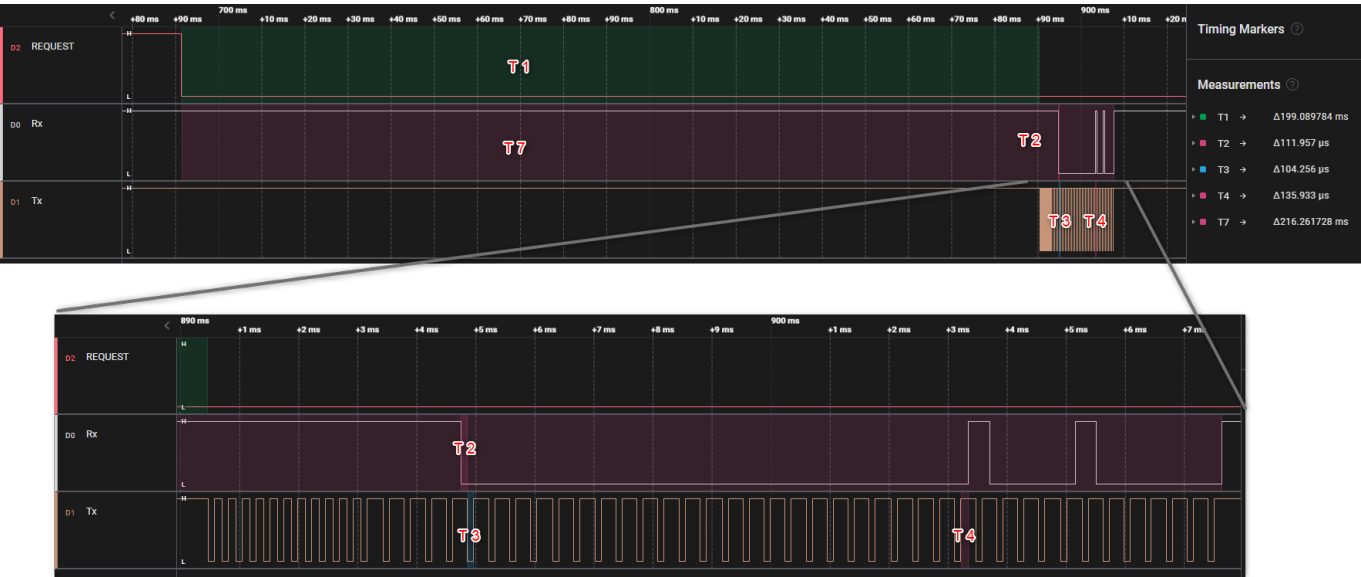
2. Interface Beschreibung

(Datenblatt: Ba\_3723295\_DK-U-D\_de\_en\_fr\_es\_it\_zh\_0322-1.pdf):



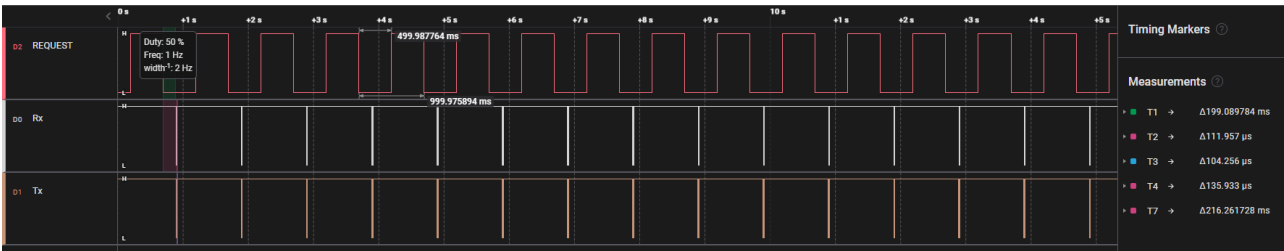
3. Messungen:

3.1. Zeitaufnahme:

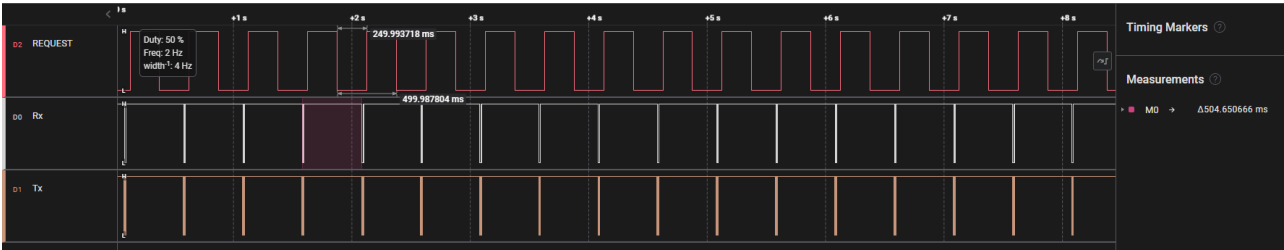


3.2. Zeitaufnahme mit Multi-Anforderung:

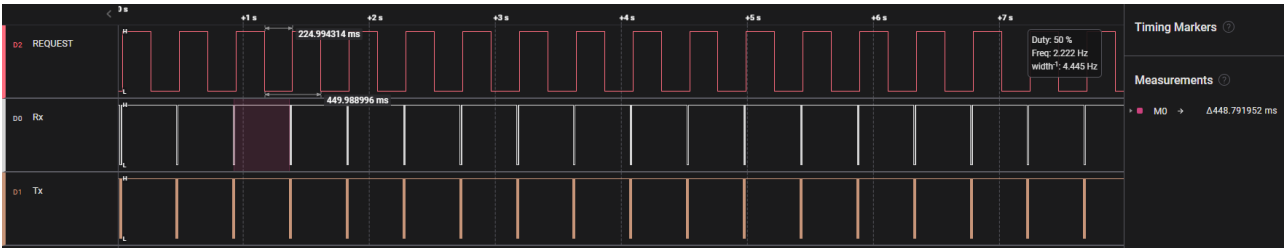
- 1000ms:



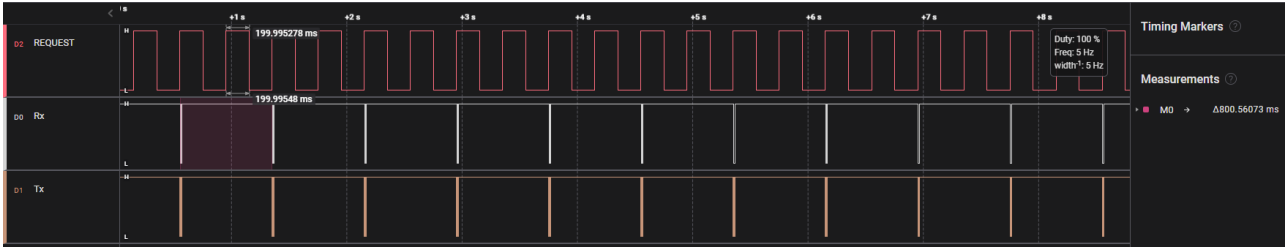
- 500ms



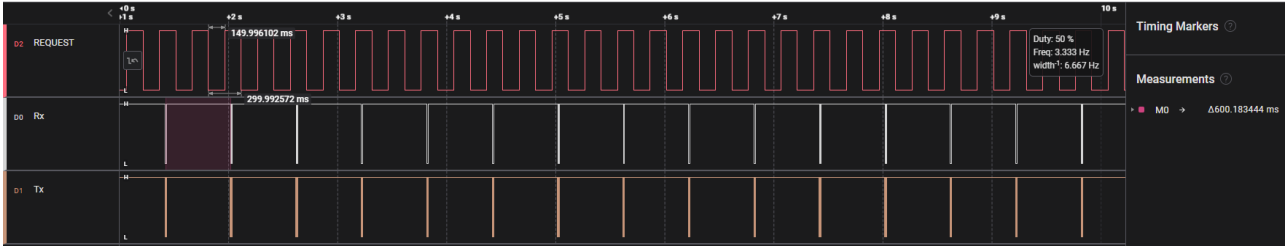
- 450ms



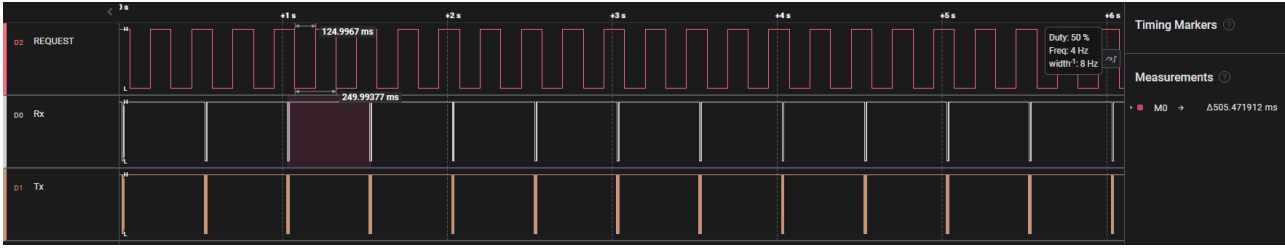
- 400ms



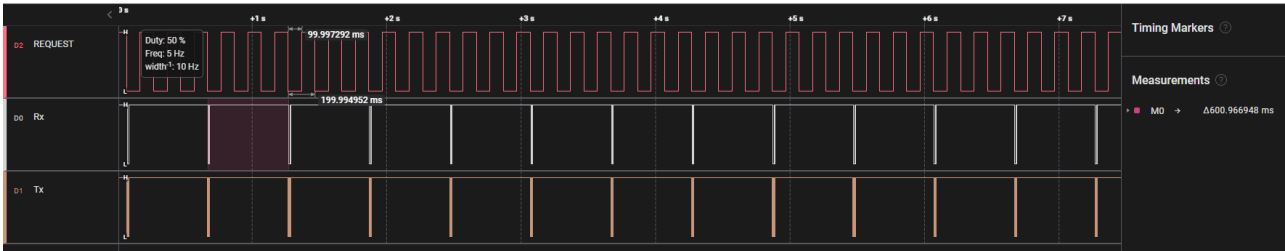
- 300ms



- 250ms:



- 200ms:



4. Ergebnis:

Zeit	Typ	Min	Max	Ist
T1	-	2 ms	40 ms	200 ms
T2	21 µs	-	-	112 µs
T3	100 µs	-	-	104 µs
T4	100 µs	-	-	136 µs
T6	-	-	77 ms	450 ms
T7	-	19 ms	57 ms	216 ms

Datei sind plausibel.