Kyle Fox Engineering Journal - Sentor Duston 2023-2029

09/25: - Meeting with Dr. Brown about wor Siller

09/19: - Group Plurining & DISCULLIAN at work

09/21: - Solitation THIKS Using GIT, Plumine I Mas for each GF US to work on - Find IC, ADC, Hustown for System

= New to Solith ADC = New to Solith ADC = Use oneshot philse general for pulse - Use charge circuit pur amplificar

+LOOK into ADC'S

09/29: - Meet Dr. Drown asom

- 80 MSPS number for ADL

- Possible exponent of more inputs

- New Desir creck betwee Porture at items

- Create a plutform for him to sum us new fix

+ Desir amplifier

+ Solven Setup, Oxuak Drown

RP2040 -> Monosmole pulse -> Amp/Pre-Amp -> (555) First Amp

+ 1/54KHz -> 18.51 NS

+ 1/500KHz > 2 NS

+555 Minimure ANGE 0.5 NS > 500,5

10/03: - Writ = 7.5 min to chuse corrector triatedly - 15 GPIO PIJ for Comple/21/2017 Jahren - Stop button flow or 11V - Fors comble by IZC +5.6K & 3nF + Filer Input w ADC + Mariny implace for ADC + ADC BITH CHT [FPGA] + BNC contours 6/05: - tasham losty: - Looking over new ADC - Jiming Circuit ld/2: - Description of futur plas - Describer 10/18: - Mettry with Dr. Brun - util use oschosope In fotor work, we't sest one W/24. - Pulchrie planning - WOIN with OSCINOSLAPE 10/26; - SRJ + SPO - Purunup 1787 Chuncay - Prentutor prop W/31: - OSCHLOSUNC WITH CHI -Sine were JOHz, 400pgV - Pulse 50Hz, 4V, OVOHER, 200/W puise upm

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V2
 -SRI & SOD Finality trans
11/02: - Presontations
11/07: - Purchasias Items
      - physical Ab pilo and - Allethan man opplement
11/09: - Punning butto Prouss
11/14: - Puras arrive prichall varity
       - Planty & Rezure code
11/16: - work on RP2040 Lote
- Solder Mains Crip (Cortains Dut-steet
11/21: - Prop for pre-bount ; tens & our bruk; tens
11/28: + 2 Ms Pulse
                            T = 2NJ
                            f= /7 = /2 = /2 E-6 = 500 KHZ
       1-547-1---1
 P:0 freq = 500 KHZ
                             1 Cycle
          S.+ (Pin, 0)
          Sur (pini 1)
                             2 (166
          set (Ph) (0) [3]
                             3-6 (166
       - PRINTER MOSKING [ADD RK/TX SUTTEN]
       - First Test Plan Wocument
11/30 -> 12/7: - Cluss Prisonto +10-5
                 - Propping Production to our group production
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