

HORIZONTAL 5.2.5 - Amd 6 (2)

5.2.7 - Revout

5.2.8 - Repur

5.2.9 - Perol 12 counts

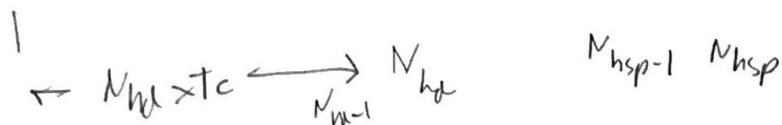
23,401

5x20 lines

~~43.5 x 31~~
Aerial UE #daxin

Mode	4	H	V
		320x256	320x256
Min			

$$T_{SI} = (N_{ht} + 1) \times T_c$$



N_{ht}

$f = 1 \text{ MHz}$
 $w_{te} = 64 \mu s$

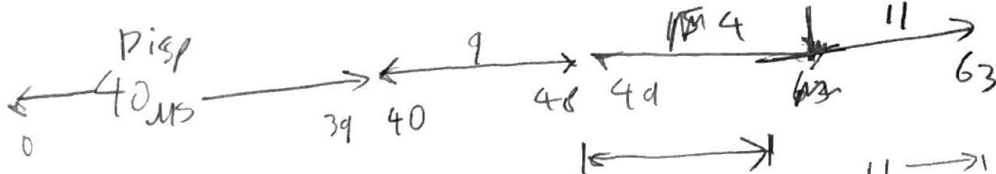
$$N_{ht} = R0 = 63$$

$$N_{hd} = R1 = 40$$

$$N_{hsp} = R2 = 49$$

$$N_{hsu} = R3 = 4$$

$$8px = 1 \mu s$$



Boat

~~41~~

8

4

Boat

Syn

8

2

Boat

00-19-AF-34-88-EB

clk-gp-h2 (clk-sys) / 16 x 1000
sm-config-sex-clk div () 25.3 MHz

64 us 48 s0s

$$f_{syn} = 125 \text{ MHz}$$

750k 154 = 6.77 us

$$@ 5.6 \rightarrow 1.0752 \mu s / px$$

320 \Rightarrow 80 px / μs
320 px \Rightarrow 7.6 px / μs
3 steps in loop

VERTICAL
 $T_F = (N_H + 1) \times t_{rc} + N_{adj} \times T_{SL}$

$N_H = R4 = 38$

$N_{adj} = R5 = 0$

$N_{vd} = R6 = 32$ 8 p/d or

$N_{vsp} = R7 = 34$

$T_{SL} = 64 \mu s$

$T_{CR} = N_{SL} \times T_{SL}$

$= 64 \times 8 = 512 \mu s$

~~57 Hz~~

50.08 Hz.



0

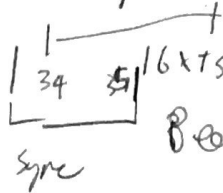
$N_{vd}-1 \dots N_{vsp}-1 \quad N_{vsp}$

1

32 char row

31/32

33



16 x TSL (Default)

8 x TSL (2 Scan Lines)

1 36 37 38

ll x 2

ls x 1

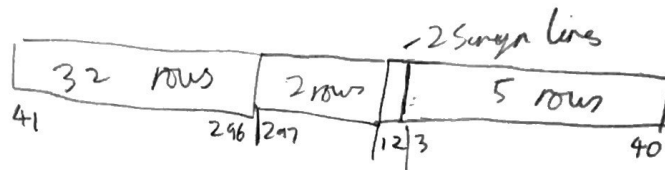
ss x 2

...

44 x 2

...

Vlin



Measured

Setting 49.6 Hz (20.16 ms)
 (0.8%) low

lin = 64.6 μs (15.48 kHz)
 (1% low)

R3 = 24