Fiber Optik Aglar ÖDEV-I G131810386 Yasın Altanbask

1)

a)

10 mW = 10. log 10 = 1 ad Bm

$$(P2) = -1 + 30 - 100.0, 2 + 25 - 100.0, 2 = (P_1) = -1 dBm \rightarrow 10^{\frac{1}{10}} = \frac{1}{1,25p} = 0.93 Limb$$

6)

$$6 - 80.0,2+25-100.0,2+30-100.0,2+30-y.0,2 = d$$

$$-16+27-20+30-20+30-y.0,2=0$$

$$y.0,2=29$$

$$y=145$$

c) x mw = 10logx

10 log(10x+1)-100.0,2+30:10 log(10x+1)+10 -> 10 10

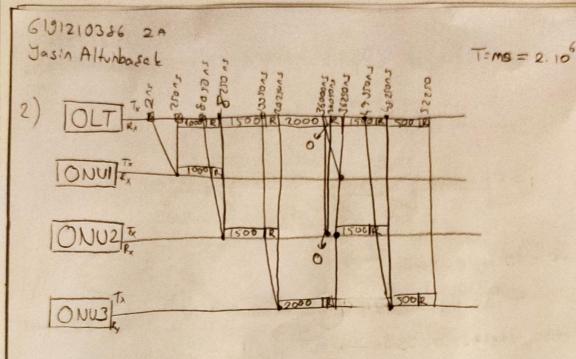
10 log (100×+11) -50.02≥ 5 mW

$$\frac{10^{10} \times 100 \times +11) - 1}{(100 \times +11) \cdot 10^{-1} = 5 \text{ mW}}$$

$$\frac{100 \times +11}{100 \times +11} = 50$$

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10°0(10×+1)+1 (10×+1)10 (100×+10) mw 3. girsti ile (100×+11)



Da	Bytes	RH	Gincellene 2 amen			
1	1000	250	8250ns			
2	1500	200	2025 Ons			
13	2000	300	36 250ns			
kyryklene 1						

Onu	Byles	RH	Goncellene garen		
1	0	250	36250m		
2	1200	200	48 800s		
3	500	300	25200		
kuyruklane tablosu 2					

1000 byte lgbs high

8000 + 250 = 8250 ns

1500 byte'

2000 by le

1500x8 = 12000ns -> 12000 + 36250 = 48250ns

500 byte 500x8 = 4000 ns 1×103 = 48250 +6000 =52250

Arz Mesesters

8250 - 200 = 80 50 AS 20250 - 300 = 19 350 AS 36250 - 250 = 36000 AS 36250 - 200 = 36050 AS

48250 - 300 = 47950AS

G191210386 2A Yasin Altunbarok

3)

