

	SUB DATE
when The bit rates of incoming the are not inchanged is allocated more states:	Identical, the high-bit-rate
	B (File)
Handling Different Data rates: 3 Types: () multilevel multiplexing	40 hbps 40 hbps 40 hbps
@ multiple slot Multiplexing	Solubpy IShbps
3) pulse stuffing (extra duning	25 kbps
	So hops So hops So hops So hops Solder So
	for hope state
and the same and t	
	(** ** ** ** ** ** ** ** ** ** ** ** **

	SUB
1) 14	
1) 14 users, M(+) - Tri (f), P = 2 watt,	mp= 3 volt, SQNR-40de
50 + BW - 3500 H7	Rotot .
fr = 2 3500 = 7 KHZ(a)	
SONR - Pm - Pm 123	
112 <u>Tmp</u>	35%
10 = Pm · L ² · 3	
L = 122,5 levels	
n= (Log_L) ~ 7 bit b) Sample	
* fs = 1,2 fr = 8400 sps	
f, total = N. f 14.8400 = 117.6 kg	204
total >(# of users)	7/23
Robotal = 1,04. n. f. Labor	
= 1,04.7.117,6 = 856,128	LIBPS C
* B. Wm = Rb = 428,064 WHZ (1)	
100 hbps [1]2 120	
20)	
Size of frame? frame rate? duration of for	a data o Mississi
50l, * frame 516 = 20 + 1 - 21 bit/frame (a)
each frame carries (1) bit from each digita	1 some
Ilp slot (bit) Time = olp trame Time =	1 = ,01 msec (c)
Ilp slot (bit) Time = olp trame Time = * frame rate = 1 dwntion of frame sol	= loo kfps (b)
* Data rate - frame rute (fame)	· frame & Ze (bit)
	11010 111
* efficiency - useful bib/frame =	21 . 100 / = 95,23/
	S



= 14,4 KHZC REE: 2.2,4 + 24 = 18,8 KLPS

Scanned with CamScanner



