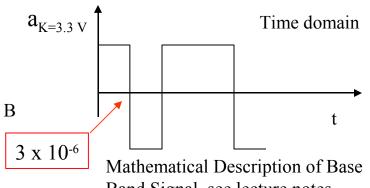
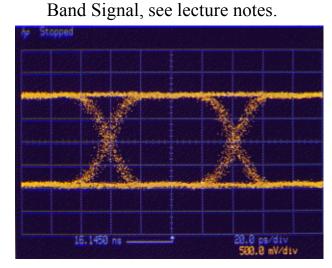
Base Band Signal

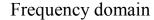
Definition: Signal transmitted near zero frequency range without

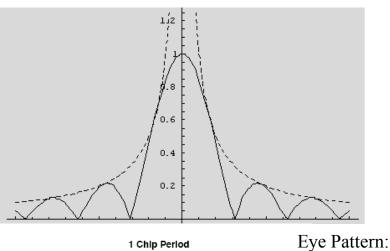
frequency modulation.

A









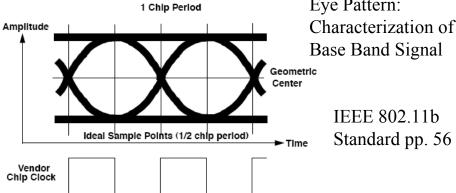
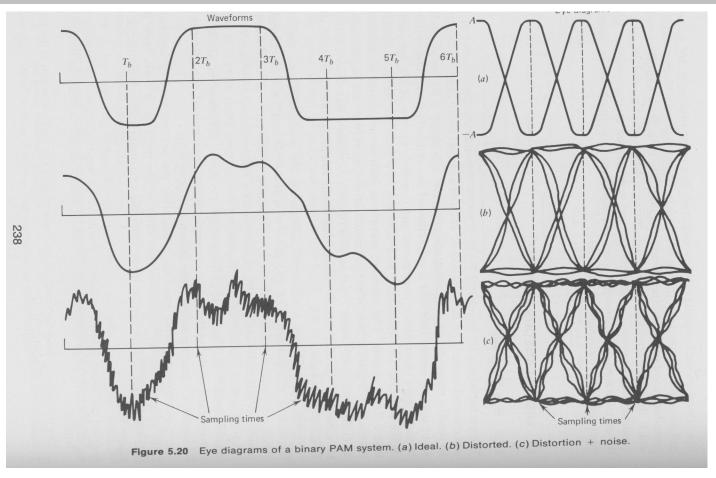


Figure 149—Chip clock alignment with baseband eye pattern

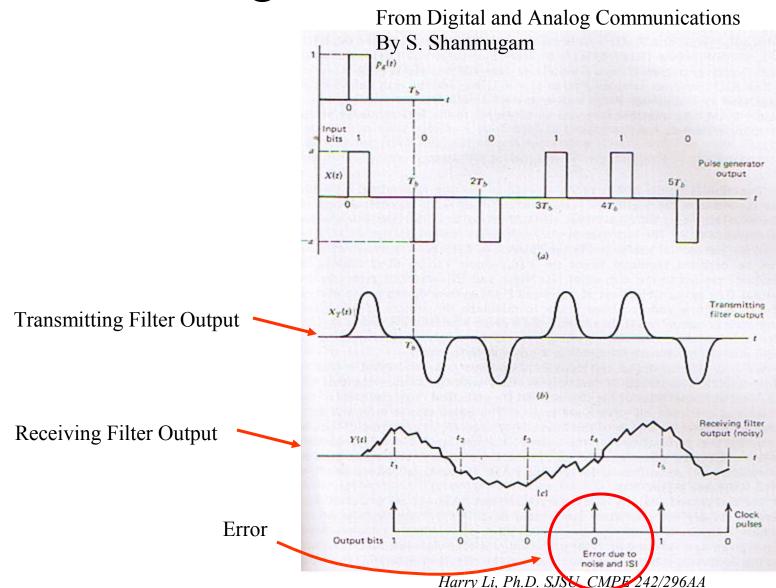
Harry Li, Ph.D. SJSU, CMPE 242/296AA

Eye Patterns of Base Band Signals

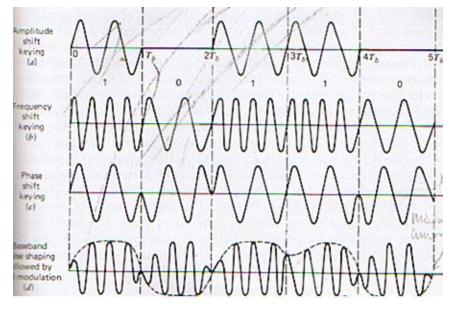


Reference: Digital and Analog Communication Systems, by K. Sam Shanmugam

Based Band Signal w/o Modulation



ASK, FSK, PSK



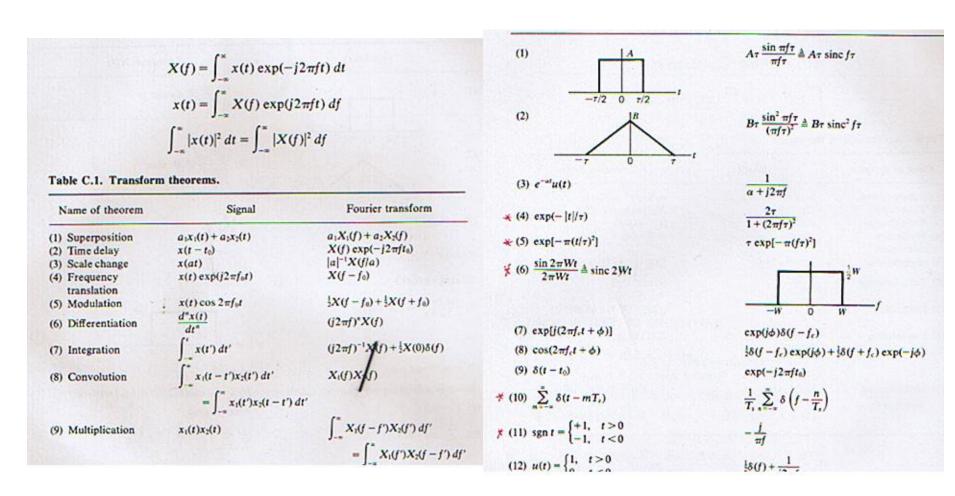
ASK

FSK

PSK

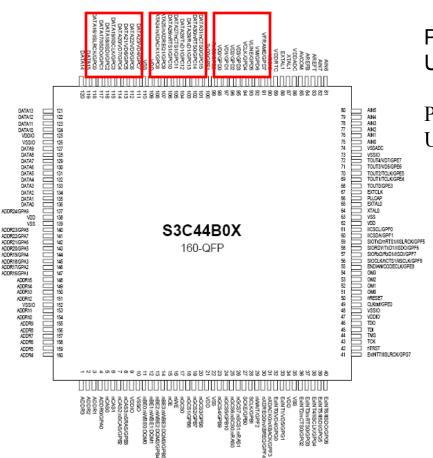
Base Band Shaping + Analog Modulation (DSB)

Review



From Digital and Analog Communications, By S. Shanmugam, John Weiley and Sons

GPP Port Interface



Port C: 16-bit input/output port.

Use: GPC0 -GPC7

Port D: 8-bit input/output port.

Use: GPD0-GPD7

Step 1: Testing RS232 I/F with ARM board

Dtcp 1. 1	coung No.	232 1/1 WILLI	Mari oodia
Write	"1"	LED ON	
	"0"	LED OFF	
Read	"1"	Switch On	
	"0"	Switch Off	Testing Write

Step 2: Testing RS232 I/F with ARM board

Testing	Use hyper-terminal or
Timing	mini-com (Linux)