

Reading 7 Emitter Follower (EF) or Common Collector (CC) Pg 1

Sec #	Topic	Page # to Read	# of Pg
6-4	The Common Collector or Emitter Follower Amp		
	Biasing	284 bottom ½ V _E & I _E calc. only	¼
	A _V Note: I use A _V = 0.97		
	Z _{in} Note: Text R _{in(tot)} = My Z _{in}	283	
	Z _{out} use Z _{out} is < 1Ω		
	A _i My $\frac{Z_{in}}{R_L} A_V$ Eq. is more accurate	283 bottom 1/3	1/3
	A _P	284 top ¼	¼
6-4	Example	284 bottom ¾ , 285 top ½	1 ¼
	Note: My A _V = 0.97 w/o calc is close to his 0.989		
	My A _i Eq. $\frac{Z_{in}}{R_L} A_V$ is more accurate and solves A _i in 1 Step		
	can use A _P = A _i A _V because I already took R _E out of A _i Eq.		
Ch 6	CE & CC Comparison Table	315 top ¼	¼
6-4	The Darlington EF	285 bottom 1/3, 286 top 1/3	2/3
		Total # of Pages	3

Reading 7 Multi Stage Amplifiers

Sec #	Topic	Page # to Read	# of Pg
6-6	<p>Multistage Amplifiers (skip Any $A_{V(dB)}$ Calc.)</p> <p>Note: Our DC Coupled Ckt. with Negative Feedback will eliminate the DC Drift Prob.</p>	<p>291 top $\frac{3}{4}$, 292 bottom $\frac{1}{4}$ 293 top $\frac{3}{4}$, 294 top $\frac{1}{2}$</p>	2 $\frac{1}{2}$
6-8	<p>Troubleshooting Multistage Amps.</p>	<p>301 bottom $\frac{1}{2}$ thru 305 top $\frac{1}{2}$</p>	4
6-4	<p>Ex: A CE Amp with a Cap Coupled Darlington</p> <p>1) For V_B Equation skip the $\parallel B_{DC}^2 R_E$ Terms</p> <p>2) Skip the r_e' Equation</p> <p>3) In $R_{In (tot)}$ Equation Skip the r_e' Term</p> <p>4) In b) for A_V for the Darlington use $A_V = (.97)$</p> <p>Note: $V_{B1(dc)}$ and $Z_{IN (1)}$ would be calculated as a regular EF Amp with Voltage \div Biasing.</p>	286 bottom $\frac{2}{3}$, 287	1 $\frac{2}{3}$
		Grand Total # of Pages	13