

5-2 Current-Voltage Characteristics

Reading Assignment: pp. 392 - 402

We will find that BJTs are in many ways similar and analogous to MOSFETs!

For example, we will find:

<u>BJT</u>		<u>MOSFET</u>
Base	is analogous to	Gate
Collector	"	Drain
Emitter	"	Source
Cutoff	"	Cutoff
Saturation	"	Triode
Active	"	Saturation
i_c	"	i_D
V_{BE}	"	V_{GS}
V_{DS}	"	V_{CE}

Look for these analogies to help you understand BJTs!

HO: BJT Symbols and Conventions

HO: A Mathematical Description of BJT Behavior