Chapter 12
Electronic Fundamentals

P T B S K T P H O T O T R A N S I S T O R J G M G N R M M P W N X
P X L R I M H I N T E G R A T E D C I R C U I T L Q K N H L H M R
T M I B Q L W O S P I K E P R O T E C T I O N R E S I S T O R P B
Y P G H I M I M L M T L G M N P H O T O D I O D E S T W N C P N N
P N H K L P X C F E L R M A Z N Z J D A R L I N G T O N P A I R S
E J T O R D O K O H T R A T T H M K N D T K B R N T M R L K G P U
M L E P T H T L P N B H G N M E R M X M N E P B N J O Y C J Z H P
A B M L M O K J A F P N E T S C W T N I D Z B E R T D R M T Y O P
T T I L Z W N D M R J D C O N I K P S O N X R C S K O W T D Q T R
E I T M Y B J S Z N T T J E R R S T H M L R M I K T L L T V P O E
R M T Z B Z M J M L M R D U J Y A T C F U T S G S Q K L X M T R S
I P I J M B X V J H D O A M N E A G O C L N Q I H K M S C G K E S
A U N T L P J W D C N T N N H C Y G L R A M M T X R R K N H T S I
L R G C K R M R Y A L R P W S T T O H R M R W Z R O X I L T R I O
B I D Q Z J N M J T M A H E F I R I T K E M N M T W P H W L F S N
X T I D H F R Q K W F X M L A T S P O H C M L C Q O V R M F N T D
P I O M E M P V R N E R K P N K N T T N R N U W D K H P C R T O I
L E D X N S R T N D Y R M O I P I X O E J D Q B N M T T N N N R O
D S E V T Z P Q O W X D C R N N P N T R N F O R W A R D B I A S D
I N N T R P Y I X M B A S E R P G R V O K Q G T R G V L G R N C E
O G Z V F N D V K R V K T W H E E D C E V P E D Z L C M N G T O E
D N P N T R A N S I S T O R W V V I I R R F D R Y L N T R E Y L S
E D L Z E Q D E C K N D K N N K M E R O S S C L J L E X R R P L D
Z C T N J T C D M L N G T I R E B J R O D L E N R F S T B M E E Y
P D E L H F L R D I Z F D K S M M T M S V E X V M Q C N U A M C N
T Z M Q G Y R G H T T W T I M V T F L M E H F M O L R M R N A T V
N R K K R L S G L T P T N D O F L C R Y H B W H J L K N N I T O G
C X L W R P C C H M S L E Z P D P C W Z N P I N T N T X I U E R L
B D X Z M C P K M R K F C R L F E H O L E S N A T R V A N M R D T
H Z T A K K B V N X D U A L I N L I N E P I N S S G J P G R I L D
L K P Q Z R B B R E C T I F I E R B R I D G E C N X G Z W E A C X
N O H J F R B V P E A K R E V E R S E V O L T A G E Z Q P Z L G Q
T H R E S H O L D V O L T A G E W D Y X Y L X N V F G G W L Y R N

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