

Chapter 45

Electronic Fundamentals

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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

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Anode	Despiking diode	Heat sink	Peak inverse voltage	Reverse bias
Base	Diode	Impurities	Peak reverse voltage	SCR
Bipolar transistor	Doping	Integrated circuit	Photodiodes	Semiconductors
Burn in	Dual inline pins	Inverter	Photons	Silicon
Cathode	Emitter	Junction	Photoresistor	Spike protection resistor
CHMSL	ESD	Light emitting diode	Phototransistor	Suppression diode
Clamping diode	FET	MOSFET	PNP transistor	Thermistor
Collector	Forward bias	NPN transistor	P type material	Threshold voltage
Control current	Gate	NTC	PWM	Transistor
Darlington pair	Germanium	N type material	Rectifier bridge	Zener diode