

### SILICON NPN POWER TRANSISTORS





www.centralsemi.com

### DESCRIPTION:

The CENTRAL SEMICONDUCTOR 2N3766 and 2N3767 are silicon NPN power transistors manufactured by the epitaxial base process designed for power amplifier and medium speed switching applications.

#### MARKING: FULL PART NUMBER

MAXIMUM RATINGS: (T <sub>C</sub> =25°C) Collector-Base Voltage	SYMBOL V <sub>CBO</sub>	2N3766 80	<u>2N3767</u> 100	UNITS V
Collector-Emitter Voltage	V <sub>CEO</sub>	60	80	V
Emitter-Base Voltage	V <sub>EBO</sub>	6.	.0	V
Continuous Collector Current	Ι <sub>C</sub>	4.	.0	А
Continuous Base Current	۱ <sub>B</sub>	2.	.0	А
Power Dissipation	PD	2	5	W
Operating and Storage Junction Temperature	T <sub>J</sub> , T <sub>stg</sub>	-65 to	+200	°C
Thermal Resistance	ΘJC	7.	.0	°C/W

#### **ELECTRICAL CHARACTERISTICS:** (T<sub>C</sub>=25°C unless otherwise noted)

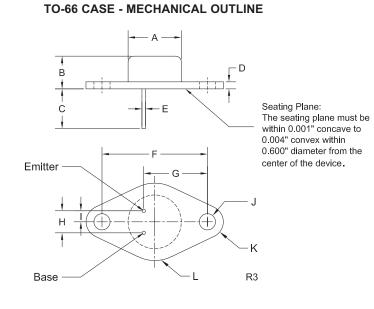
SYMBOL	TEST CONDITIONS	MIN	MAX	UNITS
ICBO	V <sub>CB</sub> =Rated V <sub>CBO</sub>		10	μA
ICEV	V <sub>CE</sub> =Rated V <sub>CEO</sub> , V <sub>EB</sub> =1.5V		10	μA
ICEO	V <sub>CE</sub> =Rated V <sub>CEO</sub>		500	μΑ
I <sub>EBO</sub>	V <sub>EB</sub> =6.0V		500	μA
BVCEO	I <sub>C</sub> =100mA (2N3766)	60		V
BVCEO	I <sub>C</sub> =100mA (2N3767)	80		V
V <sub>CE(SAT)</sub>	I <sub>C</sub> =500mA, I <sub>B</sub> =50mA		1.0	V
V <sub>CE(SAT)</sub>	I <sub>C</sub> =1.0A, I <sub>B</sub> =100mA		2.5	V
V <sub>BE(ON)</sub>	V <sub>CE</sub> 10V, I <sub>C</sub> =1.0A		1.5	V
h <sub>FE</sub>	V <sub>CE</sub> =5.0V, I <sub>C</sub> =50mA	30		
h <sub>FE</sub>	V <sub>CE</sub> =5.0V, I <sub>C</sub> =500mA	40	160	
h <sub>FE</sub>	V <sub>CE</sub> =10V, I <sub>C</sub> =1.0A	20		
fT	V <sub>CE</sub> =10V, I <sub>C</sub> =500mA, f=10MHz	10		MHz
Cob	V <sub>CB</sub> =10V, I <sub>E</sub> =0, f=100kHz		50	pF

R2 (2-September 2014)



2N3766 2N3767

SILICON NPN POWER TRANSISTORS



-	DIM	ENSION	S	
	INC	HES	MILLIM	ETERS
SYMBOL	MIN	MAX	MIN	MAX
A (DIA)	0.470	0.500	11.94	12.70
В	0.250	0.340	6.35	8.64
С	0.360	-	9.14	-
D	0.050	0.075	1.27	1.91
E (DIA)	0.028	0.034	0.71	0.86
F	0.956	0.964	24.28	24.48
G	0.570	0.590	14.48	14.99
Н	0.190	0.210	4.83	5.33
I	0.093	0.107	2.36	2.72
J (DIA)	0.142	0.152	3.61	3.86
K (RAD)	0.141 3.58			
L (RAD)	0.345 8.76			
			TO-66 (I	REV:R3)

MARKING: FULL PART NUMBER

R2 (2-September 2014)

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### **OUTSTANDING SUPPORT AND SUPERIOR SERVICES**

#### **PRODUCT SUPPORT**

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- · Consolidated shipping options

#### **DESIGNER SUPPORT/SERVICES**

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2<sup>nd</sup> day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities

Special wafer diffusions

· Custom product packing

- PbSn plating options
- Package details
- Application notes
- · Application and design sample kits

Custom bar coding for shipments

Custom product and package development

### **REQUESTING PRODUCT PLATING**

- 1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
- If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

#### CONTACT US

### **Corporate Headquarters & Customer Support Team**

Central Semiconductor Corp. 145 Adams Avenue Hauppauge, NY 11788 USA Main Tel: (631) 435-1110 Main Fax: (631) 435-1824 Support Team Fax: (631) 435-3388 www.centralsemi.com

Worldwide Field Representatives: www.centralsemi.com/wwreps

Worldwide Distributors: www.centralsemi.com/wwdistributors

For the latest version of Central Semiconductor's **LIMITATIONS AND DAMAGES DISCLAIMER**, which is part of Central's Standard Terms and Conditions of sale, visit: <u>www.centralsemi.com/terms</u>





# Product End of Life Notification

PDN ID:	PDN01250
Notification Date:	2/10/23
Last Buy Date:	
Last Shipment Date	Stock Only

### http://www.centralsemi.com

Please be advised that Central Semiconductor must immediately discontinue the product(s) listed in the attached PDN notice. Orders can only be accepted for products with available inventory on hand.

You may have purchased one or more of the products listed. Please do not hesitate to contact your local Central Semiconductor sales representative with any questions or needs you may have. Central regrets any inconvenience this may cause.

Sincerely,

Central Semiconductor Corp.

DISCLAIMER: This End of Life (EOL) notification is in accordance with JEDEC standard JESD48 - Product Discontinuance. Central Semiconductor Corp. will make every effort to offer life-time buy (LTB) opportunities and/or offer replacement devices to existing customers for discontinued devices, however, one or both may not be possible for all devices. Please contact your local Central Semiconductor sales representative for LTB opportunities/additional information.



## Product End of Life Notification

PDN ID:	PDN01250
Notification Date:	2/10/23
Last Buy Date:	Stock Only
Last Shipment Date	Stock Only

Summary: The following power transistors are discontinued and now classified as of End of Life (EOL). NOTE: If inventory has been depleted, some devices may be available on special order; please contact your Central salesperson, manufacturer's rep, franchised distributor, or inquiry@centralsemi.com.

Although Central Semiconductor Corp. makes every effort to continue to produce devices that have been proclaimed EOL (End of Life) by other manufacturers, it is an accepted industry practice to discontinue certain devices when customer demand falls below a minimum level of sustainability. Accordingly, the following product(s) have been transitioned to End of Life status as part of Central's ongoing Product Portfolio Management. Any replacement products are noted below. The effective date for placing last purchase orders will be six (6) months from the date of this notice and twelve (12) months from the notice date for final shipments, and minimum order quantities may apply. The last purchase and shipment dates may be extended if inventory is available.

### \* All Plating types (PBFREE,TIN/LEAD) for each item listed are included in this notice.

BDW51   N/A     BDW51A   N/A     BDW51B   N/A     BDW51C   N/A     BDW522   N/A     BDW523   N/A     BDW524   N/A     BDW525   N/A     BDW526   N/A     BDW527   N/A     BDW528   N/A     BDW548   N/A     BDX54   N/A     BDX54   N/A     BDX54   N/A     BDX54   N/A     BDX554   N/A     BDX855   N/A     BDX855   N/A     BDX856   N/A     BDX877   N/A     BDX878   N/A     BDX877   N/A     BDX876   N/A     BDX877   N/A     BD135   N/A     BD136-10 SL   N/A	Central Part Number	Suggested Replacement
BDW51BN/ABDW51CN/ABDW52N/ABDW52AN/ABDW52BN/ABDW52CN/ABDW52CN/ABDX52CN/ABDX54N/ABDX54N/ABDX54N/ABDX54EN/ABDX54CN/ABDX54EN/ABDX55N/ABDX85N/ABDX85AN/ABDX85BN/ABDX87AN/ABDX87CN/ABDX87CN/ABD135N/ABD135.16N/ABD135.16N/ABD136.10N/ABD136.10N/ABD136.10N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD136.16N/ABD137N/A	BDW51	N/A
BDW51CN/ABDW52N/ABDW52AN/ABDW52BN/ABDW52CN/ABDW52CN/ABDX50N/ABDX54N/ABDX54N/ABDX54BN/ABDX54EN/ABDX85AN/ABDX85AN/ABDX85AN/ABDX85AN/ABDX85CN/ABDX87AN/ABDX87AN/ABDX87BN/ABD135N/ABD135N/ABD135-16 SLN/ABD136-16 SLN/ABD137N/ABD137N/A	BDW51A	N/A
BDW52N/ABDW52AN/ABDW52BN/ABDW52CN/ABDW52CN/ABDX20N/ABDX54N/ABDX54EN/ABDX85AN/ABDX85AN/ABDX85AN/ABDX85AN/ABDX85BN/ABDX85CN/ABDX87AN/ABDX87AN/ABDX87BN/ABDX87BN/ABDX87CN/ABDX87AN/ABDX87BN/ABD135N/ABD135N/ABD135N/ABD135-16 SLN/ABD136-10N/ABD136-16 SLN/ABD136-16 SLN/ABD136-16 SLN/ABD136-16 SLN/ABD136-16 SLN/ABD137N/ABD136-16 SLN/ABD136-16 SLN/ABD136-16 SLN/ABD136-16 SLN/ABD137N/A	BDW51B	N/A
BDW52AN/ABDW52BN/ABDW52CN/ABDW94BN/ABDX20N/ABDX54N/ABDX54BN/ABDX54CN/ABDX54EN/ABDX55AN/ABDX85AN/ABDX85AN/ABDX87CN/ABDX87CN/ABDX51CN/ABDX87CN/ABDX87CN/ABD135N/ABD135.16N/ABD136.10N/ABD136.10N/ABD136.16N/ABD137N/ABD137N/A	BDW51C	N/A
BDW52BN/ABDW52CN/ABDW94BN/ABDX20N/ABDX54N/ABDX54BN/ABDX54CN/ABDX85N/ABDX85AN/ABDX85BN/ABDX87AN/ABDX87AN/ABDX87AN/ABDX87BN/ABDX87CN/ABDX87CN/ABD135 SLN/ABD135-10 SLN/ABD136-10 SLN/ABD136-16 SLN/ABD137N/ABD137N/ABD136-16 SLN/ABD137N/ABD137N/A	BDW52	N/A
BDW52CN/ABDW94BN/ABDX20N/ABDX54N/ABDX54BN/ABDX54CN/ABDX54EN/ABDX85N/ABDX85AN/ABDX87AN/ABDX87AN/ABDX87AN/ABDX87BN/ABDX87CN/ABDX87CN/ABD135 SLN/ABD135-16 SLN/ABD136-10 SLN/ABD136-16 SLN/ABD137N/A	BDW52A	N/A
BDW94B     N/A       BDX20     N/A       BDX54     N/A       BDX54B     N/A       BDX54C     N/A       BDX54E     N/A       BDX55     N/A       BDX85     N/A       BDX85A     N/A       BDX85A     N/A       BDX87A     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BDX87D     N/A       BD135     N/A       BD135     N/A       BD135     N/A       BD135.10 SL     N/A       BD136.10 SL     N/A       BD136.16 SL     N/A       BD137	BDW52B	N/A
BDX20     N/A       BDX54     N/A       BDX54B     N/A       BDX54C     N/A       BDX54E     N/A       BDX85     N/A       BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX87C     N/A       BDX87C     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135     N/A       BD135.10 SL     N/A       BD136.10 SL     N/A       BD136.10 SL     N/A       BD136.16 SL     N/A       BD136.16 SL     N/A       BD137     N/A	BDW52C	N/A
BDX54     N/A       BDX54B     N/A       BDX54C     N/A       BDX54E     N/A       BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX87C     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135     N/A       BD135-16     N/A       BD136-10 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A	BDW94B	N/A
BDX54B     N/A       BDX54C     N/A       BDX54E     N/A       BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX87C     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135.10     N/A       BD135.16     N/A       BD136.10     N/A       BD136.10     N/A       BD136.10     N/A       BD136.16     N/A       BD137     N/A	BDX20	N/A
BDX54C     N/A       BDX54E     N/A       BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX85C     N/A       BDX87     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135.10     N/A       BD135.16     N/A       BD135.16     N/A       BD136.10     N/A       BD137	BDX54	N/A
BDX54E     N/A       BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX85C     N/A       BDX87A     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135.10 SL     N/A       BD136-10     N/A       BD136-10     N/A       BD136-16 SL     N/A       BD137     N/A	BDX54B	N/A
BDX85     N/A       BDX85A     N/A       BDX85B     N/A       BDX85C     N/A       BDX87A     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135     N/A       BD135-16     N/A       BD136-10     N/A       BD136-10     N/A       BD136-16     N/A       BD137     N/A	BDX54C	N/A
BDX85A     N/A       BDX85B     N/A       BDX85C     N/A       BDX87     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135 SL     N/A       BD135-16 SL     N/A       BD136-10 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A       BD137     N/A	BDX54E	N/A
BDX85B     N/A       BDX85C     N/A       BDX87     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135.10 SL     N/A       BD135.16 SL     N/A       BD136.10 SL     N/A       BD136.16 SL     N/A       BD136.16 SL     N/A       BD137.10 SL     N/A	BDX85	N/A
BDX85C     N/A       BDX87     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BD135     N/A       BD135     N/A       BD135 SL     N/A       BD135-10 SL     N/A       BD135-16 SL     N/A       BD136-16 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A       BD137     N/A	BDX85A	N/A
BDX87     N/A       BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BDY90     N/A       BD135     N/A       BD135     N/A       BD135.10 SL     N/A       BD135.16 SL     N/A       BD135.16 SL     N/A       BD136.10 SL     N/A       BD136.16 SL     N/A       BD136.16 SL     N/A       BD136.16 SL     N/A       BD137     N/A	BDX85B	N/A
BDX87A     N/A       BDX87B     N/A       BDX87C     N/A       BDY90     N/A       BD135     N/A       BD135 SL     N/A       BD135-10 SL     N/A       BD135-16 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD137     N/A	BDX85C	N/A
BDX87B   N/A     BDX87C   N/A     BDY90   N/A     BD135   N/A     BD135 SL   N/A     BD135-10 SL   N/A     BD135-16   N/A     BD135-16 SL   N/A     BD136-10 SL   N/A     BD136-10 SL   N/A     BD136-10 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BDX87	N/A
BDX87C     N/A       BDY90     N/A       BD135     N/A       BD135 SL     N/A       BD135-10 SL     N/A       BD135-16 SL     N/A       BD135-16 SL     N/A       BD136-10 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD137     N/A	BDX87A	N/A
BDY90     N/A       BD135     N/A       BD135 SL     N/A       BD135-10 SL     N/A       BD135-16     N/A       BD135-16 SL     N/A       BD136-10 SL     N/A       BD136-10 SL     N/A       BD136-10 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD136-16 SL     N/A       BD137     N/A	BDX87B	N/A
BD135   N/A     BD135 SL   N/A     BD135-10 SL   N/A     BD135-16   N/A     BD135-16 SL   N/A     BD136   N/A     BD136-10 SL   N/A     BD136-10 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BDX87C	N/A
BD135 SL   N/A     BD135-10 SL   N/A     BD135-16   N/A     BD135-16 SL   N/A     BD136   N/A     BD136-10   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BDY90	N/A
BD135-10 SL   N/A     BD135-16   N/A     BD135-16 SL   N/A     BD136   N/A     BD136-10   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BD135	N/A
BD135-16   N/A     BD135-16 SL   N/A     BD136   N/A     BD136-10   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BD135 SL	N/A
BD135-16 SL   N/A     BD136   N/A     BD136-10   N/A     BD136-10 SL   N/A     BD136-16 SL   N/A     BD136-16 SL   N/A     BD137   N/A	BD135-10 SL	N/A
BD136     N/A       BD136-10     N/A       BD136-10 SL     N/A       BD136-16     N/A       BD136-16 SL     N/A       BD137     N/A	BD135-16	N/A
BD136-10     N/A       BD136-10 SL     N/A       BD136-16     N/A       BD136-16 SL     N/A       BD137     N/A	BD135-16 SL	N/A
BD136-10 SL     N/A       BD136-16     N/A       BD136-16 SL     N/A       BD137     N/A	BD136	N/A
BD136-16     N/A       BD136-16 SL     N/A       BD137     N/A	BD136-10	N/A
BD136-16 SL     N/A       BD137     N/A	BD136-10 SL	N/A
BD137 N/A	BD136-16	N/A
	BD136-16 SL	N/A
** CONTINUED ***	BD137	N/A
	*** CONTINUED ***	

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## Product End of Life Notification

PDN ID:	PDN01250
Notification Date:	2/10/23
Last Buy Date:	
Last Shipment Date	Stock Only

#### \*\*\* CONTINUED FROM PRIOR PAGE \*\*\*

\* All Plating types (PBFREE,TIN/LEAD) for each item listed are included in this notice.

Central Part Number	Suggested Replacement
BD137-10	N/A
BD137-10 SL	N/A
BD137-16	N/A
BD138	N/A
BD138-10	N/A
BD138-10 SL	N/A
BD138-16	N/A
BD138-16 SL	N/A
BD139	N/A
BD139-10	N/A
BD139-10 SL	N/A
BD139-16	N/A
BD139-16 SL	N/A
BD140	N/A
BD140-10	N/A
BD140-10 SL	N/A
BD140-16	N/A
BD140-16 SL	N/A
BD157	N/A
BD158	N/A
BD159	N/A
BD175	N/A
BD176	N/A
BD177	N/A
BD178	N/A
BD179	N/A
BD180	N/A
BD201	N/A
BD204	N/A
BD233	N/A
BD234	N/A
BD235	N/A
BD236	N/A
BD237	N/A
BD238	N/A
BD238 SL	N/A
BD433	N/A
BD433	N/A
BD437	N/A
BD438	N/A
BD439	N/A
BD439 BD440	N/A N/A
BD440 BD441	N/A N/A

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Central Part Number	Suggested Replacement
BD442	N/A
BD537	N/A
BD538	N/A
BD675	N/A
BD675A	N/A
BD676	N/A
BD676A	N/A
BD676A SL	N/A
BD677	N/A
BD677A	N/A
BD678	N/A
BD678A	N/A
BD679	N/A
BD679A	N/A
BD679A SL	N/A
BD680	N/A
BD680A	N/A
BD680A SL	N/A
BD681	N/A
BD681 SL	N/A
BD682	N/A
BD682 SL	N/A
BD683	N/A
BD683 SL	N/A
BD908	N/A
BF457	N/A
BF458	N/A
BF459	N/A
BF459 SL	N/A
BF469	N/A
BF471	N/A
BF472	N/A
BUW34	N/A
BUW35	N/A
BUW36	N/A
BUW44	N/A
BUW45	N/A
BUW46	N/A
BUX43	N/A
BUX44	N/A N/A
BUX47	N/A
BUX48	N/A N/A
BUX80	N/A N/A
DUMOU	1 1/ 4 2

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Central Part Number	Suggested Replacement
BUY69A	N/A
BUY69B	N/A
BUY69C	N/A
BU408	N/A
BU409	N/A
CEN1025	N/A
CEN1037	N/A
CEN1063	N/A
CEN1092	N/A
CEN1102	N/A
CEN1111	N/A
CEN1177	N/A
CEN1247	N/A
CEN1306	N/A
CEN1323	N/A
CEN1328	N/A
CEN1364 SL	N/A
CEN1378 SL	N/A
CEN1391	N/A
CEN1396	N/A
CEN1406	N/A
CEN1416	N/A
CEN1439	N/A
CEN1450	N/A
CEN496	N/A
CEN537	N/A
CEN591	N/A
CEN596	N/A
CEN644	N/A
CEN671	N/A
CEN698-1	N/A
CEN698-2	N/A
CEN774	N/A
CEN821	N/A
CEN844	N/A
CEN925	N/A
CEN951	N/A
CEN961	N/A
CEN972	N/A
CEN992	N/A
CM3441	N/A
CP166-BUP54-WN	N/A
CP230-CZT122-CT	CP260-TIP122-CT
*** CONTINUED ***	
CONTRICTED	

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\* All Plating types (PBFREE,TIN/LEAD) for each item listed are included in this notice.

Central Part Number	Suggested Replacement
CP230-HTIP122-CM	N/A
CP230-H2N6039-CM	N/A
CP230-TIP122-CM	CP260-TIP122-CM
CP230-TIP122-CT	CP260-TIP122-CT
CP230-TIP122-CT20	N/A
CP230-2N6039-CM	N/A
CP230-2N6039-CT	N/A
CP230-2N6039-WN	N/A
CP630-CEN1263-WN	CP660-TIP127-WN
CP630-CZT127-CT	CP660-TIP127-CT
CP630-HTIP127-CM	N/A
CP630-TIP127-CT	CP660-TIP127-CT
CP630-TIP127-WN	CP660-TIP127-WN
CP630-2N6036-CT	N/A
CZT122 BK	N/A
CZT122 TR	N/A
CZT127 BK	N/A
CZT127 TR	N/A
CZT31C BK	N/A
CZT31C TR	N/A
D44C12	N/A
D44E1	N/A
D44E3	N/A
D45E3	N/A
D45H8	N/A
MJE13003	N/A
MJE13003 SL	N/A
MJE13005	N/A
MJE13005 SL	N/A
MJE13006	N/A
MJE13008	N/A
MJE13009	N/A
MJE15030	N/A
MJE15031	N/A
MJE170	N/A
MJE171	N/A
MJE172	N/A
MJE180	N/A
MJE181	N/A
MJE182	N/A
MJE200	N/A
MJE210	N/A
MJE220	N/A
*** CONTINUED ***	

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Central Part Number	Suggested Replacement
MJE221	N/A
MJE222	N/A
MJE223	N/A
MJE224	N/A
MJE225	N/A
MJE230	N/A
MJE231	N/A
MJE232	N/A
MJE233	N/A
MJE234	N/A
MJE235	N/A
MJE2360T	N/A
MJE240	N/A
MJE241	N/A
MJE242	N/A
MJE243	N/A
MJE244	N/A
MJE250	N/A
MJE251	N/A
MJE252	N/A
MJE253	N/A
MJE254	N/A
MJE2801T	N/A
MJE2901T	N/A
MJE2955T	N/A
MJE340	N/A
MJE341	N/A
MJE344	N/A
MJE344 SL	N/A
MJE3440	N/A
MJE350	N/A
MJE370	N/A
MJE371	N/A
MJE520	N/A
MJE521	N/A
MJE700	N/A
MJE701	N/A
MJE702	N/A
MJE703	N/A
MJE710	N/A
MJE711	N/A
MJE712	N/A
MJE720	N/A
** CONTINUED ***	

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Central Part Number	Suggested Replacement
MJE721	N/A
MJE722	N/A
MJE800	N/A
MJE800T	N/A
MJE801	N/A
MJE801T	N/A
MJE802	N/A
MJE802T	N/A
MJE803	N/A
MJE803T	N/A
MJ1000	N/A
MJ1001	N/A
MJ10012	N/A
MJ11011	N/A
MJ11012	N/A
MJ11013	N/A
MJ11014	N/A
MJ11015	N/A
MJ11016	N/A
MJ2501	N/A
MJ2955	N/A
MJ3000	N/A
MJ3001	N/A
MJ4033	N/A
MJ4035	N/A
MJ410	N/A
MJ802	N/A
MJ901	N/A
PMD10K100	N/A
PMD10K40	N/A
PMD10K60	N/A
PMD10K80	N/A
PMD12K100	N/A
PMD12K40	N/A
PMD12K60	N/A
PMD12K80	N/A
PMD13K100	N/A
PMD16K100	N/A
PMD16K60	N/A
PMD16K80	N/A
PMD1601K	N/A
PMD1602K	N/A
PMD1603K	N/A
** CONTINUED ***	

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Central Part Number	Suggested Replacement
PMD17K100	N/A
PMD17K60	N/A
PMD17K80	N/A
PMD1701K	N/A
PMD1702K	N/A
PMD1703K	N/A
PMD18K100	N/A
PMD18K60	N/A
PMD18K80	N/A
PMD19K100	N/A
PMD19K60	N/A
PMD19K80	N/A
SE9303	N/A
SE9304	N/A
SE9305	N/A
TIP102	N/A
TIP107	N/A
TIP107 SL	N/A
TIP117	N/A
TIP117 SL	N/A
TIP122	N/A
TIP122 SL	N/A
TIP127	N/A
TIP127 SL	N/A
TIP132	N/A
TIP137	N/A
TIP140T	N/A
TIP141T	N/A
TIP142T	N/A
TIP145T	N/A
TIP146T	N/A
TIP147T	N/A
TIP29	N/A
TIP29A	N/A
TIP29A SL	N/A
TIP29B	N/A
TIP29C	N/A
TIP31	N/A
TIP31 SL	N/A
TIP31A	N/A
TIP31B	N/A
TIP31C SL	N/A
TIP32	N/A
** CONTINUED ***	

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Central Part Number	Suggested Replacement
TIP32A	N/A
TIP32A SL	N/A
TIP32B	N/A
TIP32C	N/A
TIP41	N/A
TIP41A	N/A
TIP41B	N/A
TIP41C	N/A
TIP41C SL	N/A
TIP42	N/A
TIP42A	N/A
TIP42B	N/A
TIP42C	N/A
TIP42C SL	N/A
TIP42D	N/A
2N3054	N/A
2N3055	N/A
2N3442	N/A
2N3448	N/A
2N3713	N/A
2N3714	N/A
2N3715	N/A
2N3716	N/A
2N3766	N/A
2N3767	N/A
2N3771	N/A
2N3772	N/A
2N3773	N/A
2N3789	N/A
2N3790	N/A
2N3791	N/A
2N3792	N/A
2N3902	N/A
2N4231	N/A
2N4232	N/A
2N4233	N/A
2N4347	N/A
2N4348	N/A
2N4398	N/A
2N4399	N/A
2N4901	N/A
2N4902	N/A
2N4903	N/A
** CONTINUED ***	

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Central Part Number	Suggested Replacement
2N4904	N/A
2N4905	N/A
2N4906	N/A
2N4910	N/A
2N4911	N/A
2N4912	N/A
2N4913	N/A
2N4914	N/A
2N4915	N/A
2N4918	N/A
2N4919	N/A
2N4920	N/A
2N4921	N/A
2N4922	N/A
2N4923	N/A
2N4923 SL	N/A
2N5067	N/A
2N5068	N/A
2N5069	N/A
2N5192	N/A
2N5192 SL	N/A
2N5192 5E	N/A
2N5195 SL	N/A
2N5240	N/A
2N5294	N/A
2N5296	N/A
2N5290 2N5297	N/A N/A
2N5297 SL	N/A N/A
2N5297 SE 2N5298	N/A N/A
2N5298 2N5301	N/A N/A
2N5301 2N5302	N/A N/A
2N5302 2N5303	N/A N/A
2N5490	N/A N/A
2N5492	N/A N/A
2N5494	N/A N/A
2N5496	N/A N/A
2N5629	N/A N/A
2N5632	N/A N/A
2N5655	N/A N/A
2N5656	N/A N/A
2N5657	N/A N/A
2N5057 2N5745	N/A N/A
41NJ/4J	
2N5760	N/A

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N5838 N/A   N5873 N/A   N5875 N/A   N5876 N/A   N5877 N/A	
N5875 N/A N5876 N/A N5877 N/A	
N5876 N/A N5877 N/A	
N5877 N/A	
N5878 N/A	
N5879 N/A	
N5880 N/A	
N5881 N/A	
N5882 N/A	
N5883 N/A	
N5884 N/A	
N5885 N/A	
N5886 N/A	
N6029 N/A	
N6031 N/A	
N6034 N/A	
N6035 N/A	
N6036 N/A	
N6037 N/A	
N6038 N/A	
N6039 SL N/A	
N6040 N/A	
N6042 N/A	
N6043 N/A	
N6044 N/A	
N6045 N/A	
N6050 N/A	
N6051 N/A	
N6052 N/A	
N6055 N/A	
N6055 N/A	
N6057 N/A	
N6058 N/A	
N6059 N/A	
N6099 N/A	
N6107 N/A	
N6109 N/A	
N6111 N/A	
N6121 N/A	
N6122 N/A	
N6122 N/A N6123 N/A	
N6123 N/A N6124 N/A	
CONTINUED ***	

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	Suggested Replacement
2N6125	N/A
2N6126	N/A
2N6129	N/A
2N6130	N/A
2N6131	N/A
2N6132	N/A
2N6133	N/A
2N6134	N/A
2N6226	N/A
2N6229	N/A
2N6230	N/A
2N6246	N/A
2N6247	N/A
2N6248	N/A
2N6249	N/A
2N6250	N/A
2N6251	N/A
2N6253	N/A
2N6254	N/A
2N6259	N/A
2N6260	N/A
2N6263	N/A
2N6282	N/A N/A
2N6283	N/A
2N6284	N/A N/A
2N6285	N/A N/A
2N6286	N/A N/A
2N6287	N/A N/A
2N6288	N/A N/A
2N6290	N/A N/A
2N6292	N/A N/A
2N6306	N/A N/A
2N6307	N/A N/A
2N6308	N/A N/A
2N6312	N/A N/A
2N6371	N/A N/A
2N6383	N/A N/A
2N6384	N/A N/A
2N6385	N/A N/A
2N6386	N/A N/A
2N6387	N/A N/A
2N6387 2N6388	
2N6388 2N6465	N/A N/A
21N040J	N/A

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2N6466	N/A
2N6469	N/A
2N6470	N/A
2N6471	N/A
2N6472	N/A
2N6475	N/A
2N6476	N/A
2N6489	N/A
2N6489 SL	N/A
2N6490	N/A
2N6491	N/A
2N6497	N/A
2N6498	N/A
2N6498 SL	N/A
2N6499	N/A
2N6499 SL	N/A
2N6530	N/A
2N6531	N/A
2N6532	N/A
2N6543	N/A
2N6544	N/A
2N6545	N/A
2N6546	N/A
2N6547	N/A
2N6569	N/A
2N6576	N/A
2N6577	N/A
2N6578	N/A
2N6594	N/A
2N6609	N/A
2N6666	N/A
2N6667	N/A
2N6668	N/A
2N6671	N/A
2N6672	N/A
2N6673	N/A
2N6674	N/A
2N6675	N/A
2N6677	N/A
2N6678	N/A
40250	N/A
40312	N/A

\*\*\* CONTINUED \*\*\*

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#### Central Part Number Suggested Replacement

Central would be happy to assist you by providing additional information or technical data to help locate an alternate source if we have no replacement available. If you would like assistance, please visit https://my.centralsemi.com/submit-inquiry?type=ER to submit an online inquiry.

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# **Mouser Electronics**

Authorized Distributor

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Central Semiconductor: 2N3767 2N3767 TIN/LEAD