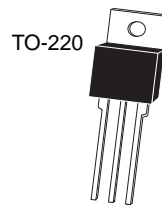
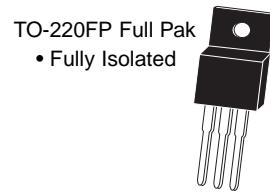


# Power Transistors

## TO-220 Case



Standard



Optional

TO-220FP Full Pak  
• Fully Isolated

TYPE NO.		$I_C$	$P_D$	$BV_{CBO}$	$BV_{CEO}$	$h_{FE}$		@ $I_C$	$V_{CE(SAT)}$	@ $I_C$	$f_T$
NPN	PNP	(A) MAX	(W)	(V) MIN	(V) MIN	MIN	MAX	(A)	(V) MAX	(A)	(MHz) MIN
2N5294		4.0	36	80	70	30	120	0.5	1.0	0.5	0.8
2N5296		4.0	36	60	40	30	120	1.0	1.0	1.0	0.8
2N5298		4.0	36	80	60	20	80	1.5	1.0	1.5	0.8
2N5490		7.0	50	60	40	20	100	2.0	1.0	2.0	0.8
2N5492		7.0	50	75	55	20	100	2.5	1.0	2.5	0.8
2N5494		7.0	50	60	40	20	100	3.0	1.0	3.0	0.8
2N5496		7.0	50	90	70	20	100	3.5	1.0	3.5	0.8
2N6043	2N6040	10	75	60	60	1,000	20,000	4.0	2.0	4.0	4.0
2N6044	2N6041	10	75	80	80	1,000	20,000	4.0	2.0	4.0	4.0
2N6045	2N6042	10	75	100	100	1,000	20,000	3.0	2.0	3.0	4.0
2N6099		10	75	70	60	20	80	4.0	2.5	10	5.0
2N6101		10	75	80	70	20	80	5.0	2.5	10	5.0
2N6103		16	75	45	40	15	80	8.0	2.5	16	5.0
2N6121	2N6124	4.0	40	45	45	25	100	1.5	0.6	1.5	2.5
2N6122	2N6125	4.0	40	60	60	25	100	1.5	0.6	1.5	2.5
2N6123	2N6126	4.0	40	80	80	20	80	1.5	0.6	1.5	2.5
2N6129	2N6132	7.0	50	40	40	20	100	2.5	1.4	7.0	2.5
2N6130	2N6133	7.0	50	60	60	20	100	2.5	1.4	7.0	2.5
2N6131	2N6134	7.0	50	80	80	20	100	2.5	1.8	7.0	2.5
2N6288	2N6111	7.0	40	40	30	30	150	2.0	3.5	7.0	4.0
2N6290	2N6109	7.0	40	60	50	30	150	2.5	3.5	7.0	4.0
2N6292	2N6107	7.0	40	80	70	30	150	3.0	3.5	7.0	4.0
2N6386	2N6666	8.0	65	40	40	1,000	20,000	3.0	2.0	3.0	20
2N6387	2N6667	10	65	60	60	1,000	20,000	5.0	2.0	5.0	20
2N6388	2N6668	10	65	80	80	1,000	20,000	5.0	2.0	5.0	20
2N6473	2N6475	4.0	40	110	100	15	150	1.5	1.2	1.5	4.0
2N6474	2N6476	4.0	40	130	120	15	150	1.5	1.2	1.5	4.0
2N6486	2N6489	15	75	50	40	20	150	5.0	1.3	5.0	5.0
2N6487	2N6490	15	75	70	60	20	150	5.0	1.3	5.0	5.0
2N6488	2N6491	15	75	90	80	20	150	5.0	1.3	5.0	5.0

Shaded areas indicate Darlington.

**Central**  
Semiconductor Corp.  
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(6-December 2004)

## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



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### 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
- Custom bar coding for shipments
- Custom product packing

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### 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
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

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### 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).
2. If requesting Lead (Pb) Free plated devices, add the suffix " PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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### CONTACT US

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**Worldwide Distributors:**  
[www.centrasemi.com/wwdistributors](http://www.centrasemi.com/wwdistributors)

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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: [www.centrasemi.com/terms](http://www.centrasemi.com/terms)

# Product End of Life Notification

<b>PDN ID:</b>	PDN01192
<b>Notification Date:</b>	10/19/21
<b>Last Buy Date:</b>	4/19/22
<b>Last Shipment Date</b>	10/19/22

Summary: The following through-hole transistors are discontinued and now classified as of End of Life (EOL).

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 Management Process. 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.**

<b>Central Part Number</b>	<b>Suggested Replacement</b>
BU911	N/A
CEN597	N/A
MJE3055T	N/A
MJ4034	N/A
2N2483	N/A
2N2540	N/A
2N3735	N/A
2N4407	N/A
2N5154	N/A
2N5337	N/A
2N6101	N/A
2N6488	N/A

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.centrasemi.com/submit-inquiry?type=ER> to submit an online inquiry.

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.