

# Small Signal Transistors

## TO-18 Case (Continued)



| TYPE NO. | DESCRIPTION                 | BV <sub>CBO</sub> | BV <sub>CEO</sub> | BV <sub>EBO</sub> | I <sub>CBO</sub> @<br>*I <sub>CES</sub><br>**I <sub>CEV</sub><br>(μA) | V <sub>CB</sub> | h <sub>FE</sub> |     | @ I <sub>C</sub> | @ V <sub>CE</sub> | V <sub>CE(SAT)</sub> @ I <sub>C</sub> |             | C <sub>ob</sub> | f <sub>T</sub> | NF          | t <sub>on</sub> | t <sub>off</sub> |
|----------|-----------------------------|-------------------|-------------------|-------------------|-----------------------------------------------------------------------|-----------------|-----------------|-----|------------------|-------------------|---------------------------------------|-------------|-----------------|----------------|-------------|-----------------|------------------|
|          |                             | (V)<br>MIN        | (V)<br>MIN        | (V)<br>MIN        | (μA)<br>MAX                                                           | (V)<br>MIN      | MIN             | MAX | (mA)             | (V)               | (V)<br>MAX                            | (mA)<br>MAX | (pF)<br>MAX     | (MHz)<br>MIN   | (dB)<br>MAX | (ns)<br>MAX     | (ns)<br>MAX      |
| 2N3576   | PNP SAT SWITCH              | 20                | 15                | 5.0               | --                                                                    | --              | 40              | 120 | 10               | 1.0               | 0.5                                   | 100         | 4.5             | 400            | --          | 30              | 50               |
| 2N3672   | PNP AMPL/SWITCH             | 60                | 50                | 5.0               | 0.01                                                                  | 30              | 75              | 275 | 150              | 10                | 0.4                                   | 150         | 9.0             | 200            | --          | --              | --               |
| 2N3700   | NPN AMPL/SWITCH             | 140               | 80                | 7.0               | 0.01                                                                  | 90              | 100             | 300 | 150              | 10                | 0.2                                   | 150         | 12              | 100            | 4.0         | --              | --               |
| 2N3701   | NPN AMPL/SWITCH             | 140               | 80                | 7.0               | 0.01                                                                  | 90              | 40              | 120 | 150              | 10                | 0.2                                   | 150         | 12              | 80             | 4.0         | --              | --               |
| 2N3798A  | PNP LOW NOISE               | 90                | 90                | 5.0               | 0.01                                                                  | 50              | 150             | 450 | 0.5              | 5.0               | 0.25                                  | 1.0         | 4.0             | 30             | 3.5         | --              | --               |
| 2N3799A  | PNP LOW NOISE               | 90                | 90                | 5.0               | 0.01                                                                  | 50              | 300             | 900 | 0.5              | 5.0               | 0.25                                  | 1.0         | 4.0             | 30             | 2.5         | --              | --               |
| 2N3829   | PNP AMPL/SWITCH             | 35                | 20                | 5.0               | 0.3*                                                                  | 20              | 30              | 120 | 30               | 0.4               | 0.18                                  | 30          | 6.0             | 350            | --          | 35              | 65               |
| 2N3946   | NPN AMPL/SWITCH             | 60                | 40                | 6.0               | 0.01                                                                  | 40              | 20              | --  | 50               | 1.0               | 0.3                                   | 50          | 4.0             | 250            | --          | --              | --               |
| 2N3947   | NPN AMPL/SWITCH             | 60                | 40                | 6.0               | 0.01                                                                  | 40              | 40              | --  | 50               | 1.0               | 0.3                                   | 50          | 4.0             | 300            | 5.0         | --              | --               |
| 2N3962   | PNP LOW NOISE               | 60                | 60                | 6.0               | 0.01                                                                  | 50              | 100             | 450 | 1.0              | 5.0               | 0.25                                  | 10          | 6.0             | 40             | 3.0         | --              | --               |
| 2N3963   | PNP LOW NOISE               | 80                | 80                | 6.0               | 0.01                                                                  | 70              | 100             | 450 | 1.0              | 5.0               | 0.25                                  | 10          | 6.0             | 40             | 3.0         | --              | --               |
| 2N3964   | PNP LOW NOISE               | 45                | 45                | 6.0               | 0.01                                                                  | 40              | 250             | 600 | 1.0              | 5.0               | 0.25                                  | 10          | 6.0             | 40             | 2.0         | --              | --               |
| 2N3965   | PNP LOW NOISE               | 60                | 60                | 6.0               | 0.01                                                                  | 50              | 250             | 600 | 1.0              | 5.0               | 0.25                                  | 10          | 6.0             | 40             | 2.0         | --              | --               |
| 2N4013   | NPN HIGH CURRENT SWITCH     | 50                | 30                | 6.0               | 1.7                                                                   | 40              | 60              | 150 | 100              | 1.0               | 0.42                                  | 500         | 12              | 300            | --          | 35              | 60               |
| 2N4014   | NPN HIGH CURRENT SWITCH     | 80                | 50                | 6.0               | 1.7                                                                   | 60              | 60              | 150 | 100              | 1.0               | 0.52                                  | 500         | 10              | 300            | --          | 35              | 60               |
| 2N4026   | PNP AMPL/SWITCH             | 70                | 60                | 5.0               | --                                                                    | --              | 40              | 200 | 100              | 5.0               | 0.15                                  | 150         | 20              | 100            | --          | --              | --               |
| 2N4027   | PNP AMPL/SWITCH             | 80                | 80                | 5.0               | 0.05                                                                  | 60              | 40              | 200 | 100              | 5.0               | 0.5                                   | 500         | 20              | 150            | --          | --              | --               |
| 2N4028   | PNP AMPL/SWITCH             | 60                | 60                | 5.0               | 0.05                                                                  | 50              | 100             | 300 | 100              | 5.0               | 0.5                                   | 500         | 20              | 100            | --          | --              | --               |
| 2N4029   | PNP AMPL/SWITCH             | 80                | 80                | 5.0               | 0.05                                                                  | 60              | 100             | 300 | 100              | 5.0               | 0.5                                   | 500         | 20              | 150            | --          | --              | --               |
| 2N4034   | PNP SAT SWITCH              | 40                | 40                | 5.0               | 0.015                                                                 | 30              | 70              | 200 | 10               | 1.0               | 0.3                                   | 50          | 2.2             | 400            | --          | 40              | 150              |
| 2N4035   | PNP SAT SWITCH              | 40                | 40                | 5.0               | 0.015                                                                 | 30              | 150             | 300 | 10               | 1.0               | 0.3                                   | 50          | 2.2             | 450            | --          | 40              | 150              |
| 2N4068   | NPN AMPL/SWITCH             | 150               | 150               | 5.0               | 0.05                                                                  | 120             | 30              | --  | 30               | 10                | 3.0                                   | 30          | 3.5             | 50             | --          | --              | --               |
| 2N4137   | NPN SAT SWITCH              | 40                | 15                | 4.0               | --                                                                    | --              | 40              | --  | 10               | 1.0               | 0.35                                  | 10          | 4.0             | 500            | --          | --              | --               |
| 2N4207   | PNP ULTRA HIGH SPEED SWITCH | 6.0               | 6.0               | 4.0               | 0.01                                                                  | 3.0             | 50              | 120 | 10               | 0.03              | 0.15                                  | 10          | 3.0             | 650            | --          | --              | 15               |
| 2N4208   | PNP SAT SWITCH              | 12                | 12                | 4.0               | 0.01                                                                  | 6.0             | 30              | 120 | 10               | 0.3               | 0.15                                  | 10          | 3.0             | 700            | --          | --              | 20               |
| 2N4209   | PNP SAT SWITCH              | 15                | 15                | 4.0               | 0.01                                                                  | 8.0             | 50              | 120 | 10               | 0.3               | 0.18                                  | 10          | 3.0             | 850            | --          | --              | 20               |
| 2N4269   | NPN AMPL/SWITCH             | 200               | 140               | 15                | 1.0                                                                   | 150             | 40              | 200 | 10               | 10                | 1.0                                   | 10          | 5.0             | --             | --          | --              | --               |
| 2N4359   | PNP LOW NOISE               | 60                | 45                | 5.0               | --                                                                    | --              | 50              | 500 | 0.01             | 5.0               | --                                    | --          | --              | --             | 5.0         | --              | --               |
| 2N4384   | NPN LOW NOISE               | 40                | 30                | 5.0               | 0.01                                                                  | 30              | 100             | 500 | 0.01             | 5.0               | 0.2                                   | 10          | 8.0             | --             | 2.0         | --              | --               |
| 2N4386   | NPN LOW NOISE               | 40                | 30                | 5.0               | 0.01                                                                  | 30              | 40              | 500 | 0.01             | 5.0               | 0.2                                   | 10          | 8.0             | --             | 3.0         | --              | --               |
| 2N4390   | NPN AMPL/SWITCH             | 120               | 120               | 6.0               | 1.0**                                                                 | 70              | 20              | --  | 2.0              | 1.0               | 0.2                                   | 2.0         | 6.0             | 50             | --          | --              | --               |
| 2N4413A  | PNP LOW NOISE               | 60                | 60                | 5.0               | 0.01                                                                  | 30              | 100             | 500 | 0.01             | 5.0               | 0.2                                   | 10          | 8.0             | --             | 2.0         | --              | --               |
| 2N4415A  | PNP LOW NOISE               | 60                | 60                | 5.0               | 0.01                                                                  | 30              | 40              | 500 | 0.01             | 5.0               | 0.2                                   | 10          | 8.0             | --             | 2.0         | --              | --               |
| 2N4962   | NPN AMPL/SWITCH             | 60                | 60                | 6.0               | 0.01                                                                  | 50              | 100             | 300 | 150              | 10                | 0.5                                   | 500         | 15              | 250            | --          | --              | --               |
| 2N4963   | NPN AMPL/SWITCH             | 80                | 80                | 6.0               | 0.01                                                                  | 50              | 100             | 300 | 150              | 10                | 0.5                                   | 500         | 15              | 250            | --          | --              | --               |
| 2N5056   | PNP FAST SWITCH             | 15                | 15                | 4.5               | 0.05*                                                                 | 10              | 30              | 100 | 30               | 0.5               | 0.19                                  | 30          | 4.5             | 600            | --          | --              | 35               |
| 2N5057   | PNP FAST SWITCH             | 15                | 15                | 4.5               | 0.05*                                                                 | 10              | 40              | 100 | 30               | 0.5               | 0.19                                  | 30          | 4.5             | 800            | --          | --              | 35               |
| CM4209   | PNP SAT SWITCH              | 15                | 15                | 4.5               | 0.01*                                                                 | 8.0             | 50              | 120 | 10               | 0.3               | 0.18                                  | 10          | 7.0             | 850            | --          | 20              | 20               |

(04-April 2014)



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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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### CONTACT US

#### Corporate Headquarters & Customer Support Team

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[www.centalsemi.com/wwreps](http://www.centalsemi.com/wwreps)

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# Product End of Life Notification

|                           |          |
|---------------------------|----------|
| <b>PDN ID:</b>            | PDN01000 |
| <b>Notification Date:</b> | 8/03/15  |
| <b>Last Buy Date:</b>     | Varies   |
| <b>Last Shipment Date</b> | Varies   |

Summary: The purpose of this End of Life Notification is to identify the standard packaged devices that Central previously discontinued without notification. This list excludes custom and bare die devices. The discontinuance of these devices predates Central's current EOL notification process. The notification process now utilized by Central is industry standard and future product discontinuation notifications will be issued accordingly. We apologize for any inconvenience caused.

Although Central Semiconductor Corp. makes every effort to continue to produce devices that have been proclaimed EOL (End of Life) by various 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 Product Management Process. Any replacement product will be noted below. The effective date for placing the last purchase order will be six(6) months from the date of this notice and twelve(12) months from the notice date for final shipments; this may be extended if inventory is available.

| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| CBRSDSH5-40                | CBRSDSH2-40        |
| CBRSDSH5-60                | CBRSDSH2-60        |
| CBR10-010                  | CBR10-010P         |
| CBR10-020                  | CBR10-020P         |
| CBR10-040                  | CBR10-040P         |
| CBR10-080                  | CBR10-080P         |
| CBR25-010                  | CBR25-010P         |
| CBR25-020                  | CBR25-020P         |
| CBR25-040                  | CBR25-040P         |
| CBR25-060                  | CBR25-060P         |
| CBR25-080                  | CBR25-080P         |
| CBR25-100                  | CBR25-100P         |
| CBR35-010                  | CBR35-010P         |
| CBR35-020                  | CBR35-020P         |
| CBR35-040                  | CBR35-040P         |
| CBR35-060                  | CBR35-060P         |
| CBR35-100                  | CBR35-100P         |
| CCLHM080                   | CMJH080            |
| CCLHM100                   | CMJH100            |
| CCLHM120                   | CMJH120            |
| CCLHM150                   | CMJH150            |
| CCLM0035                   | N/A                |
| CCLM0130                   | CMJ0130            |
| CCLM0300                   | CMJ0300            |
| CCLM0500                   | CMJ0500            |
| CCLM0750                   | CMJ0750            |
| CCLM1000                   | CMJ1000            |
| CCLM1500                   | CMJ1500            |
| CCLM2000                   | CMJ2000            |
| CCLM2700                   | CMJ2700            |
| CCLM3500                   | CMJ3500            |
| CCLM4500                   | CMJ4500            |
| CCLM5750                   | CMJ5750            |
| CED2838E                   | N/A                |
| CLLR1-01                   | CMR1-01M           |

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| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| CLLR1-02                   | CMR1-02M           |
| CLLR1-04                   | CMR1-04M           |
| CLLR1-06                   | CMR1-06M           |
| CLLR1-10                   | CMR1-10M           |
| CLLR1F-02                  | CMR1F-02M          |
| CLLR1F-06                  | CMR1F-06M          |
| CLLR1F-10                  | CMR1F-10M          |
| CLLR1U-01                  | CMR1U-01M          |
| CLLR1U-02                  | CMR1U-02M          |
| CLLR1U-04                  | CMR1U-04M          |
| CLLSH1-20                  | CMSH1-20M          |
| CLLSH1-40                  | CMSH1-40M          |
| CLLSH1-60                  | CMSH1-60M          |
| CLL4104                    | CMHZ4104           |
| CLL4116                    | CMHZ4116           |
| CLL4122                    | CMHZ4122           |
| CLL457A                    | CMHD457A           |
| CLL459A                    | CMHD459A           |
| CLL4614                    | CMHZ4614           |
| CLL4615                    | CMHZ4615           |
| CLL4617                    | CMHZ4617           |
| CLL4619                    | CMHZ4619           |
| CLL4620                    | CMHZ4620           |
| CLL4625                    | CMHZ4625           |
| CLL4626                    | CMHZ4626           |
| CLL4627                    | CMHZ4627           |
| CLL4678                    | CMHZ4678           |
| CLL4679                    | CMHZ4679           |
| CLL4680                    | CMHZ4680           |
| CLL4681                    | CMHZ4681           |
| CLL4682                    | CMHZ4682           |
| CLL4683                    | CMHZ4683           |
| CLL4684                    | CMHZ4684           |
| CLL4685                    | CMHZ4685           |
| CLL4686                    | CMHZ4686           |
| CLL4687                    | CMHZ4687           |
| CLL4688                    | CMHZ4688           |
| CLL4689                    | CMHZ4689           |
| CLL4690                    | CMHZ4690           |
| CLL4690C                   | CMHZ4690C          |
| CLL4691                    | CMHZ4691           |
| CLL4692                    | CMHZ4692           |
| CLL4693                    | CMHZ4693           |
| CLL4694                    | CMHZ4694           |
| CLL4694C                   | CMHZ4694C          |

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| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| CLL4696                    | CMHZ4696           |
| CLL4697                    | CMHZ4697           |
| CLL4698                    | CMHZ4698           |
| CLL4699                    | CMHZ4699           |
| CLL4700                    | CMHZ4700           |
| CLL4701                    | CMHZ4701           |
| CLL4702                    | CMHZ4702           |
| CLL4703                    | CMHZ4703           |
| CLL4704                    | CMHZ4704           |
| CLL4705                    | CMHZ4705           |
| CLL4707                    | CMHZ4707           |
| CLL4708                    | CMHZ4708           |
| CLL4709                    | CMHZ4709           |
| CLL4709C                   | CMHZ4709C          |
| CLL4711                    | CMHZ4711           |
| CLL4713                    | CMHZ4713           |
| CLL4714                    | CMHZ4714           |
| CLL4715                    | CMHZ4715           |
| CLL4716                    | CMHZ4716           |
| CLL4717                    | CMHZ4717           |
| CLL4728                    | CLL4728A           |
| CLL5001                    | CMPD5001           |
| CLL5221B                   | CMHZ5221B          |
| CLL5222A                   | N/A                |
| CLL5222B                   | CMHZ5222B          |
| CMEDA-6I                   | N/A                |
| CMPD300                    | CMPD300 BK         |
| CMPD400                    | CMPD400 BK         |
| CMPTA42                    | CMPTA42E           |
| CMPTA92                    | CMPTA92E           |
| CMPT3640                   | CMPT4209           |
| CMWSH-4                    | N/A                |
| CMZ5337D                   | N/A                |
| CM2894A                    | CM4209             |
| CN1671A                    | N/A                |
| CN5281B                    | 1N5281B            |
| CN695                      | N/A                |
| CR150-005                  | N/A                |
| CR150-005R                 | N/A                |
| CR150-010                  | N/A                |
| CR150-020                  | N/A                |
| CR150-040                  | N/A                |
| CR150-040R                 | N/A                |
| CR150-080                  | N/A                |
| CR150-080R                 | N/A                |

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| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| CR250-020                  | N/A                |
| CR250-080                  | N/A                |
| CR250-080R                 | N/A                |
| CR250-120                  | N/A                |
| CR250-120R                 | N/A                |
| CR250-2                    | N/A                |
| CR250-3                    | N/A                |
| CR250F-3                   | N/A                |
| CR250F-4                   | N/A                |
| CR3-005                    | CR3-005GPP         |
| CR3-010                    | CR3-010GPP         |
| CR3-020                    | CR3-020GPP         |
| CR3-040                    | CR3-040GPP         |
| CR3-060                    | CR3-060GPP         |
| CR3-080                    | CR3-080GPP         |
| CR3-100                    | CR3-100GPP         |
| CR3-120                    | CR3-120GPP         |
| CR3U-100                   | N/A                |
| CR6AF2                     | CR6AF2GPP          |
| CR6A4                      | CR6A4GPP           |
| CSMS15                     | N/A                |
| CSMS24                     | N/A                |
| CSTB162                    | N/A                |
| CSTB165                    | N/A                |
| CSTB362                    | N/A                |
| CSTB365                    | N/A                |
| CSTB462                    | N/A                |
| CSTB465                    | N/A                |
| CSTB567                    | N/A                |
| CSTB568                    | N/A                |
| CSTB569                    | N/A                |
| CTLDM7003T-M563D           | N/A                |
| CTLDM7120-M832D            | CTLDM7120-M832DS   |
| CTLDM7181-M832D            | N/A                |
| CTLDM8120-M832D            | CTLDM8120-M832DS   |
| CTLM1034-M832D             | N/A                |
| CTLM1074-M832D             | N/A                |
| CTLM3410-M832D             | N/A                |
| CTLM3474-M832D             | N/A                |
| CTLM7110-M832D             | N/A                |
| CTLM7410-M832D             | N/A                |
| CTLM8110-M832D             | N/A                |
| CTLSH1-40M322              | CTLSH1-40M322S     |
| CTLSH1-40M563              | N/A                |
| CTLSH1-40M832D             | CTLSH1-40M832DS    |

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| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| CTL5H10-60M856             | N/A                |
| CTL5H2-40M832              | N/A                |
| CTL5H3-30M833              | CTL5H3-30M833S     |
| CTL5H5-40M833              | CTL5H5-40M833S     |
| CTLS5064-M532              | N/A                |
| CTLS5064R-M532             | N/A                |
| CTLT3410-M521              | N/A                |
| CTLT5551-M832D             | N/A                |
| CTLT7410-M521              | N/A                |
| CTLT853-M833               | CTLT853-M833S      |
| CTLT953-M833               | CTLT953-M833S      |
| CYTA44D                    | N/A                |
| CYTA4494D                  | N/A                |
| CYT5551D                   | N/A                |
| CYT5551HCD                 | N/A                |
| CYT7090LD                  | N/A                |
| CZT900K                    | N/A                |
| MMPQ2222A                  | N/A                |
| MMPQ2907A                  | N/A                |
| MMPQ3904                   | N/A                |
| MMPQ3906                   | N/A                |
| MMPQ6502                   | N/A                |
| MM4258                     | CM4209             |
| PN2894                     | PN4209             |
| PN3640                     | PN4209             |
| PN4258                     | PN4209             |
| PN5910                     | PN4209             |
| 1N277                      | N/A                |
| 1N34A                      | N/A                |
| 1N355                      | N/A                |
| 1N4444                     | 1N4148             |
| 1N4634                     | N/A                |
| 1N4944                     | 1N4946             |
| 1N5333B                    | N/A                |
| 1N5334B                    | CZ5334B            |
| 1N5335B                    | CZ5335B            |
| 1N5336B                    | CZ5336B            |
| 1N5337B                    | CZ5337B            |
| 1N5338B                    | CZ5338B            |
| 1N5339B                    | CZ5339B            |
| 1N5339C                    | N/A                |
| 1N5340B                    | CZ5340B            |
| 1N5341B                    | CZ5341B            |
| 1N5341C                    | N/A                |
| 1N5342B                    | CZ5342B            |

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# Product End of Life Notification

|                           |          |
|---------------------------|----------|
| <b>PDN ID:</b>            | PDN01000 |
| <b>Notification Date:</b> | 8/03/15  |
| <b>Last Buy Date:</b>     | Varies   |
| <b>Last Shipment Date</b> | Varies   |

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

| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| 1N5342C                    | N/A                |
| 1N5343B                    | CZ5343B            |
| 1N5343C                    | N/A                |
| 1N5344B                    | CZ5344B            |
| 1N5345B                    | CZ5345B            |
| 1N5346B                    | CZ5346B            |
| 1N5347B                    | CZ5347B            |
| 1N5348B                    | CZ5348B            |
| 1N5349B                    | CZ5349B            |
| 1N5350B                    | CZ5350B            |
| 1N5350C                    | N/A                |
| 1N5351B                    | CZ5351B            |
| 1N5351C                    | N/A                |
| 1N5352B                    | CZ5352B            |
| 1N5355B                    | CZ5355B            |
| 1N5356B                    | CZ5356B            |
| 1N5357B                    | CZ5357B            |
| 1N5358B                    | CZ5358B            |
| 1N5359B                    | CZ5359B            |
| 1N5360B                    | CZ5360B            |
| 1N5361B                    | CZ5361B            |
| 1N5362B                    | CZ5362B            |
| 1N5364B                    | CZ5364B            |
| 1N5365B                    | CZ5365B            |
| 1N5368B                    | CZ5368B            |
| 1N5370B                    | CZ5370B            |
| 1N5373B                    | CZ5373B            |
| 1N5374B                    | CZ5374B            |
| 1N5375B                    | CZ5375B            |
| 1N5376B                    | CZ5376B            |
| 1N5377B                    | CZ5377B            |
| 1N5378B                    | CZ5378B            |
| 1N5380B                    | CZ5380B            |
| 1N5382B                    | CZ5382B            |
| 1N5383B                    | CZ5383B            |
| 1N5384B                    | CZ5384B            |
| 1N5386B                    | CZ5386B            |
| 1N5387B                    | CZ5387B            |
| 1N5388B                    | CZ5388B            |
| 1N5416                     | 1N5419             |
| 1N5417                     | 1N5419             |
| 1N5418                     | 1N5419             |
| 1N5559B                    | 1N4736A            |
| 1N5565B                    | 1N4742A            |
| 1N5586B                    | 1N4763A            |

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# Product End of Life Notification

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

| <b>Central Part Number</b> | <b>Replacement</b> |
|----------------------------|--------------------|
| 1N60                       | N/A                |
| 1N6263                     | CMDD6263           |
| 1N6373                     | 1.5CE6.8A          |
| 1N64                       | N/A                |
| 1N645                      | CN645              |
| 1N647                      | CN647              |
| 1N649                      | CN649              |
| 1N67A                      | N/A                |
| 1N774                      | N/A                |
| 1N821A                     | CMKTC825A          |
| 1N823A                     | CMKTC825A          |
| 1N823A DO-7                | CMKTC825A          |
| 1N825A                     | CMKTC825A          |
| 1N825A DO-7                | CMKTC825A          |
| 1N827A                     | CMKTC825A          |
| 1N827A DO-7                | CMKTC825A          |
| 1N829A                     | CMKTC825A          |
| 1N829A DO-7                | CMKTC825A          |
| 1N87A                      | N/A                |
| 1N888                      | N/A                |
| 1N914B                     | 1N4448             |
| 2N2411                     | CM4209             |
| 2N2412                     | CM4209             |
| 2N2609                     | 2N5116             |
| 2N2646                     | 2N4870             |
| 2N2840                     | N/A                |
| 2N2894                     | CM4209             |
| 2N3012                     | CM4209             |
| 2N3055H                    | N/A                |
| 2N3249                     | CM4209             |
| 2N3546                     | CM4209             |
| 2N3724A                    | 2N3725A            |
| 2N3829                     | CM4209             |
| 2N4208                     | CM4209             |
| 2N4209                     | CM4209             |
| 2N5057                     | CM4209             |
| 2N5114                     | 2N5116             |
| 2N5484                     | 2N5485             |
| 2N5545                     | N/A                |
| 2N5771                     | PN4209             |
| 2N5950                     | 2N5951             |
| 2N869                      | CM4209             |
| 2N869A                     | CM4209             |

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## Product End of Life Notification

|                           |          |
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| <b>Last Buy Date:</b>     | Varies   |
| <b>Last Shipment Date</b> | Varies   |

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| <u>Central Part Number</u> | <u>Replacement</u> |
|----------------------------|--------------------|
|----------------------------|--------------------|

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. Please email your requests to [engineering@centrasemi.com](mailto:engineering@centrasemi.com).

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