



# Product Change Notification



Product Group: High Power Products/ November 26, 2007/PCN-HPP 023-2007 Rev. 0

## Part Number Change on High Power Modules and Die

**DESCRIPTION OF CHANGE:** The part number nomenclature of High Power Modules and Die will change from "IRxxxxx" to "VSxxxxx". The digits "IR" in products part number is replaced with the digits "VS".

**CLASSIFICATION OF CHANGE:** Labeling/Packing; Marking

**REASON FOR CHANGE:** As part of the sale of PSBU from International Rectifier to Vishay Semiconductor, it is not allowed to use reference to IR in product nomenclature and marking.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:**  
There will be no effect on the quality, reliability and/or performances.

**PRODUCT CATEGORY:** HPP Modules and Wafer/Die

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

#### INT-A-Pak Modules:

| OLD PN        | NEW PN        | OLD PN        | NEW PN        |
|---------------|---------------|---------------|---------------|
| IRKC166/04PBF | VSKC166/04PBF | IRKE196/12PBF | VSKE196/12PBF |
| IRKC166/08PBF | VSKC166/08PBF | IRKE196/16PBF | VSKE196/16PBF |
| IRKC166/12PBF | VSKC166/12PBF | IRKE236/04PBF | VSKE236/04PBF |
| IRKC166/16PBF | VSKC166/16PBF | IRKE236/12PBF | VSKE236/12PBF |
| IRKC196/04PBF | VSKC196/04PBF | IRKE236/16PBF | VSKE236/16PBF |
| IRKC196/08PBF | VSKC196/08PBF | IRKH136/04PBF | VSKH136/04PBF |
| IRKC196/12PBF | VSKC196/12PBF | IRKH136/08PBF | VSKH136/08PBF |
| IRKC236/04PBF | VSKC236/04PBF | IRKH136/12PBF | VSKH136/12PBF |
| IRKC236/12PBF | VSKC236/12PBF | IRKH136/14PBF | VSKH136/14PBF |
| IRKC236/16PBF | VSKC236/16PBF | IRKH136/16PBF | VSKH136/16PBF |
| IRKD166/04PBF | VSKD166/04PBF | IRKH142/08PBF | VSKH142/08PBF |
| IRKD166/08PBF | VSKD166/08PBF | IRKH142/12PBF | VSKH142/12PBF |
| IRKD166/12PBF | VSKD166/12PBF | IRKH142/14PBF | VSKH142/14PBF |
| IRKD166/14PBF | VSKD166/14PBF | IRKH142/16PBF | VSKH142/16PBF |
| IRKD166/16PBF | VSKD166/16PBF | IRKH162/04PBF | VSKH162/04PBF |
| IRKD196/04PBF | VSKD196/04PBF | IRKH162/08PBF | VSKH162/08PBF |
| IRKD196/08PBF | VSKD196/08PBF | IRKH162/12PBF | VSKH162/12PBF |
| IRKD196/12PBF | VSKD196/12PBF | IRKH162/14PBF | VSKH162/14PBF |
| IRKD196/16PBF | VSKD196/16PBF | IRKH162/16PBF | VSKH162/16PBF |
| IRKD236/04PBF | VSKD236/04PBF | IRKJ166/04PBF | VSKJ166/04PBF |
| IRKD236/08PBF | VSKD236/08PBF | IRKJ166/16PBF | VSKJ166/16PBF |
| IRKD236/12PBF | VSKD236/12PBF | IRKJ236/04PBF | VSKJ236/04PBF |
| IRKD236/16PBF | VSKD236/16PBF | IRKJ236/12PBF | VSKJ236/12PBF |
| IRKE166/04PBF | VSKE166/04PBF | IRKJ236/16PBF | VSKJ236/16PBF |
| IRKE166/08PBF | VSKE166/08PBF | IRKL136/04PBF | VSKL136/04PBF |
| IRKE166/12PBF | VSKE166/12PBF | IRKL136/08PBF | VSKL136/08PBF |
| IRKE166/14PBF | VSKE166/14PBF | IRKL136/12PBF | VSKL136/12PBF |
| IRKE166/16PBF | VSKE166/16PBF | IRKL136/14PBF | VSKL136/14PBF |
| IRKE196/04PBF | VSKE196/04PBF | IRKL136/16PBF | VSKL136/16PBF |
| IRKE196/08PBF | VSKE196/08PBF | IRKL142/08PBF | VSKL142/08PBF |

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Procedure #

|               |               |                |                |
|---------------|---------------|----------------|----------------|
| IRKL142/12PBF | VSKL142/12PBF | IRKT142/08PBF  | VSKT142/08PBF  |
| IRKL142/14PBF | VSKL142/14PBF | IRKT142/12PBF  | VSKT142/12PBF  |
| IRKL142/16PBF | VSKL142/16PBF | IRKT142/14PBF  | VSKT142/14PBF  |
| IRKL162/08PBF | VSKL162/08PBF | IRKT142/16PBF  | VSKT142/16PBF  |
| IRKL162/12PBF | VSKL162/12PBF | IRKT152/04PBF  | VSKT152/04PBF  |
| IRKL162/14PBF | VSKL162/14PBF | IRKT162/04PBF  | VSKT162/04PBF  |
| IRKL162/16PBF | VSKL162/16PBF | IRKT162/08PBF  | VSKT162/08PBF  |
| IRKT136/04PBF | VSKT136/04PBF | IRKT162/12PBF  | VSKT162/12PBF  |
| IRKT136/08PBF | VSKT136/08PBF | IRKT162/14PBF  | VSKT162/14PBF  |
| IRKT136/12PBF | VSKT136/12PBF | IRKT162/16PBF  | VSKT162/16PBF  |
| IRKT136/14PBF | VSKT136/14PBF | IRKDU162/12PBF | VSKDU162/12PBF |
| IRKT136/16PBF | VSKT136/16PBF |                |                |

### TO244 Modules:

| OLD PN      | NEW PN      |
|-------------|-------------|
| IRHD320CW40 | VSHD320CW40 |
| IRUD360CW40 | VSUD360CW40 |
| IRUD400CW60 | VSUD400CW60 |

### Magn-A-Pak and Super Magn-A-Pak Modules:

| OLD PN         | NEW PN         | OLD PN         | NEW PN         |
|----------------|----------------|----------------|----------------|
| IRKC250-08     | VSKC250-08     | IRKD600-16     | VSKD600-16     |
| IRKC250-12     | VSKC250-12     | IRKD600-20     | VSKD600-20     |
| IRKC250-16     | VSKC250-16     | IRKDL240-04S10 | VSKDL240-04S10 |
| IRKC270-04     | VSKC270-04     | IRKDL240-06S10 | VSKDL240-06S10 |
| IRKC270-12     | VSKC270-12     | IRKDL240-08S10 | VSKDL240-08S10 |
| IRKC320-04     | VSKC320-04     | IRKDL240-10S10 | VSKDL240-10S10 |
| IRKC320-08     | VSKC320-08     | IRKDL240-12S20 | VSKDL240-12S20 |
| IRKC320-12     | VSKC320-12     | IRKDL240-14S20 | VSKDL240-14S20 |
| IRKC320-16     | VSKC320-16     | IRKDL240-20S30 | VSKDL240-20S30 |
| IRKC320-20     | VSKC320-20     | IRKDL240-25S30 | VSKDL240-25S30 |
| IRKCL240-04S10 | VSKCL240-04S10 | IRKDL450-16S20 | VSKDL450-16S20 |
| IRKCL240-06S10 | VSKCL240-06S10 | IRKDL450-20S20 | VSKDL450-20S20 |
| IRKCL240-10S10 | VSKCL240-10S10 | IRKDL450-25S20 | VSKDL450-25S20 |
| IRKCL240-14S20 | VSKCL240-14S20 | IRKE250-04     | VSKE250-04     |
| IRKCL240-25S30 | VSKCL240-25S30 | IRKE250-08     | VSKE250-08     |
| IRKD250-04     | VSKD250-04     | IRKE250-12     | VSKE250-12     |
| IRKD250-08     | VSKD250-08     | IRKE250-16     | VSKE250-16     |
| IRKD250-12     | VSKD250-12     | IRKE250-20     | VSKE250-20     |
| IRKD250-16     | VSKD250-16     | IRKE270-04     | VSKE270-04     |
| IRKD250-20     | VSKD250-20     | IRKE270-08     | VSKE270-08     |
| IRKD270-04     | VSKD270-04     | IRKE270-12     | VSKE270-12     |
| IRKD270-08     | VSKD270-08     | IRKE270-16     | VSKE270-16     |
| IRKD270-12     | VSKD270-12     | IRKE270-20     | VSKE270-20     |
| IRKD270-16     | VSKD270-16     | IRKE320-04     | VSKE320-04     |
| IRKD270-30     | VSKD270-30     | IRKE320-08     | VSKE320-08     |
| IRKD320-04     | VSKD320-04     | IRKE320-12     | VSKE320-12     |
| IRKD320-08     | VSKD320-08     | IRKE320-16     | VSKE320-16     |
| IRKD320-12     | VSKD320-12     | IRKE320-20     | VSKE320-20     |
| IRKD320-16     | VSKD320-16     | IRKEL240-04S10 | VSKEL240-04S10 |
| IRKD320-20     | VSKD320-20     | IRKEL240-06S10 | VSKEL240-06S10 |
| IRKD600-08     | VSKD600-08     | IRKEL240-08S10 | VSKEL240-08S10 |
| IRKD600-12     | VSKD600-12     | IRKEL240-10S10 | VSKEL240-10S10 |

|                |                |                |                |
|----------------|----------------|----------------|----------------|
| IRKEL240-12S20 | VSKEL240-12S20 | IRKH250-14D20  | VSKH250-14D20  |
| IRKEL240-14S20 | VSKEL240-14S20 | IRKH250-14D20  | VSKH250-14D20  |
| IRKEL240-20S30 | VSKEL240-20S30 | IRKH250-16     | VSKH250-16     |
| IRKEL240-25S30 | VSKEL240-25S30 | IRKH250-16     | VSKH250-16     |
| IRKH170-04     | VSKH170-04     | IRKH250-16D25  | VSKH250-16D25  |
| IRKH170-04     | VSKH170-04     | IRKH250-16D25  | VSKH250-16D25  |
| IRKH170-12     | VSKH170-12     | IRKH250-16PBF  | VSKH250-16PBF  |
| IRKH170-12     | VSKH170-12     | IRKH250-16PBF  | VSKH250-16PBF  |
| IRKH170-12PBF  | VSKH170-12PBF  | IRKH430-16     | VSKH430-16     |
| IRKH170-12PBF  | VSKH170-12PBF  | IRKH430-16     | VSKH430-16     |
| IRKH170-14D20  | VSKH170-14D20  | IRKH500-12     | VSKH500-12     |
| IRKH170-14D20  | VSKH170-14D20  | IRKH500-12     | VSKH500-12     |
| IRKH170-14D20P | VSKH170-14D20P | IRKH500-14     | VSKH500-14     |
| IRKH170-14D20P | VSKH170-14D20P | IRKH500-14     | VSKH500-14     |
| IRKH170-16     | VSKH170-16     | IRKH500-16     | VSKH500-16     |
| IRKH170-16     | VSKH170-16     | IRKH500-16     | VSKH500-16     |
| IRKH170-16D25  | VSKH170-16D25  | IRKH500-16PBF  | VSKH500-16PBF  |
| IRKH170-16D25  | VSKH170-16D25  | IRKH500-16PBF  | VSKH500-16PBF  |
| IRKH230-04     | VSKH230-04     | IRKHF180-12HK  | VSKHF180-12HK  |
| IRKH230-04     | VSKH230-04     | IRKHF180-12HK  | VSKHF180-12HK  |
| IRKH230-08     | VSKH230-08     | IRKHF180-12HKP | VSKHF180-12HKP |
| IRKH230-08     | VSKH230-08     | IRKHF180-12HKP | VSKHF180-12HKP |
| IRKH230-12     | VSKH230-12     | IRKHF200-12HJ  | VSKHF200-12HJ  |
| IRKH230-12     | VSKH230-12     | IRKHF200-12HJ  | VSKHF200-12HJ  |
| IRKH230-12PBF  | VSKH230-12PBF  | IRKHF200-12HK  | VSKHF200-12HK  |
| IRKH230-12PBF  | VSKH230-12PBF  | IRKHF200-12HK  | VSKHF200-12HK  |
| IRKH230-14     | VSKH230-14     | IRKHF200-12HKP | VSKHF200-12HKP |
| IRKH230-14     | VSKH230-14     | IRKHF200-12HKP | VSKHF200-12HKP |
| IRKH230-14D20  | VSKH230-14D20  | IRKJ250-08     | VSKJ250-08     |
| IRKH230-14D20  | VSKH230-14D20  | IRKJ250-16     | VSKJ250-16     |
| IRKH230-16     | VSKH230-16     | IRKJ270-12     | VSKJ270-12     |
| IRKH230-16     | VSKH230-16     | IRKJ320-04     | VSKJ320-04     |
| IRKH230-16D25  | VSKH230-16D25  | IRKJ320-08     | VSKJ320-08     |
| IRKH230-16D25  | VSKH230-16D25  | IRKJ320-12     | VSKJ320-12     |
| IRKH230-16N    | VSKH230-16N    | IRKJ320-16     | VSKJ320-16     |
| IRKH230-16N    | VSKH230-16N    | IRKJ320-20     | VSKJ320-20     |
| IRKH230-16PBF  | VSKH230-16PBF  | IRKJL240-10S10 | VSKJL240-10S10 |
| IRKH230-16PBF  | VSKH230-16PBF  | IRKJL240-25S30 | VSKJL240-25S30 |
| IRKH230-20     | VSKH230-20     | IRKK230-12     | VSKK230-12     |
| IRKH230-20     | VSKH230-20     | IRKK230-12     | VSKK230-12     |
| IRKH230-20D32  | VSKH230-20D32  | IRKK230-20     | VSKK230-20     |
| IRKH230-20D32  | VSKH230-20D32  | IRKK230-20     | VSKK230-20     |
| IRKH230-20PBF  | VSKH230-20PBF  | IRKL170-14D20  | VSKL170-14D20  |
| IRKH230-20PBF  | VSKH230-20PBF  | IRKL170-14D20  | VSKL170-14D20  |
| IRKH250-04     | VSKH250-04     | IRKL170-14D20P | VSKL170-14D20P |
| IRKH250-04     | VSKH250-04     | IRKL170-14D20P | VSKL170-14D20P |
| IRKH250-04PBF  | VSKH250-04PBF  | IRKL170-16     | VSKL170-16     |
| IRKH250-04PBF  | VSKH250-04PBF  | IRKL170-16     | VSKL170-16     |
| IRKH250-08     | VSKH250-08     | IRKL170-16D25  | VSKL170-16D25  |
| IRKH250-08     | VSKH250-08     | IRKL170-16D25  | VSKL170-16D25  |
| IRKH250-12     | VSKH250-12     | IRKL170-16D25P | VSKL170-16D25P |
| IRKH250-12     | VSKH250-12     | IRKL170-16D25P | VSKL170-16D25P |
| IRKH250-12PBF  | VSKH250-12PBF  | IRKL230-12     | VSKL230-12     |
| IRKH250-12PBF  | VSKH250-12PBF  | IRKL230-12     | VSKL230-12     |
| IRKH250-14     | VSKH250-14     | IRKL230-16     | VSKL230-16     |
| IRKH250-14     | VSKH250-14     | IRKL230-16     | VSKL230-16     |

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|----------------|----------------|----------------|----------------|
| IRKL230-16D25  | VSKL230-16D25  | IRKT230-14PBF  | VSKT230-14PBF  |
| IRKL230-16D25  | VSKL230-16D25  | IRKT230-16     | VSKT230-16     |
| IRKL230-16D25P | VSKL230-16D25P | IRKT230-16PBF  | VSKT230-16PBF  |
| IRKL230-16D25P | VSKL230-16D25P | IRKT230-18     | VSKT230-18     |
| IRKL230-20D32  | VSKL230-20D32  | IRKT230-18PBF  | VSKT230-18PBF  |
| IRKL230-20D32  | VSKL230-20D32  | IRKT230-20     | VSKT230-20     |
| IRKL250-08     | VSKL250-08     | IRKT230-20PBF  | VSKT230-20PBF  |
| IRKL250-08     | VSKL250-08     | IRKT250-04     | VSKT250-04     |
| IRKL250-12     | VSKL250-12     | IRKT250-04PBF  | VSKT250-04PBF  |
| IRKL250-12     | VSKL250-12     | IRKT250-08     | VSKT250-08     |
| IRKL250-12PBF  | VSKL250-12PBF  | IRKT250-08PBF  | VSKT250-08PBF  |
| IRKL250-12PBF  | VSKL250-12PBF  | IRKT250-12     | VSKT250-12     |
| IRKL250-14     | VSKL250-14     | IRKT250-12PBF  | VSKT250-12PBF  |
| IRKL250-14     | VSKL250-14     | IRKT250-14     | VSKT250-14     |
| IRKL250-14D20  | VSKL250-14D20  | IRKT250-14PBF  | VSKT250-14PBF  |
| IRKL250-14D20  | VSKL250-14D20  | IRKT250-16     | VSKT250-16     |
| IRKL250-16     | VSKL250-16     | IRKT250-16PBF  | VSKT250-16PBF  |
| IRKL250-16     | VSKL250-16     | IRKT430-16     | VSKT430-16     |
| IRKL250-16D25  | VSKL250-16D25  | IRKT430-16PBF  | VSKT430-16PBF  |
| IRKL250-16D25  | VSKL250-16D25  | IRKT430-18     | VSKT430-18     |
| IRKL250-16PBF  | VSKL250-16PBF  | IRKT430-20     | VSKT430-20     |
| IRKL250-16PBF  | VSKL250-16PBF  | IRKT430-20PBF  | VSKT430-20PBF  |
| IRKL430-18     | VSKL430-18     | IRKT500-08     | VSKT500-08     |
| IRKL430-18     | VSKL430-18     | IRKT500-08PBF  | VSKT500-08PBF  |
| IRKL500-16     | VSKL500-16     | IRKT500-12     | VSKT500-12     |
| IRKL500-16     | VSKL500-16     | IRKT500-12PBF  | VSKT500-12PBF  |
| IRKLF180-12HK  | VSKLF180-12HK  | IRKT500-14     | VSKT500-14     |
| IRKLF180-12HK  | VSKLF180-12HK  | IRKT500-14PBF  | VSKT500-14PBF  |
| IRKLF200-04HK  | VSKLF200-04HK  | IRKT500-16     | VSKT500-16     |
| IRKLF200-04HK  | VSKLF200-04HK  | IRKT500-16PBF  | VSKT500-16PBF  |
| IRKLF200-04HKP | VSKLF200-04HKP | IRKTF180-08HK  | VSKTF180-08HK  |
| IRKLF200-04HKP | VSKLF200-04HKP | IRKTF180-12HJ  | VSKTF180-12HJ  |
| IRKLF200-12HJ  | VSKLF200-12HJ  | IRKTF180-12HJP | VSKTF180-12HJP |
| IRKLF200-12HJ  | VSKLF200-12HJ  | IRKTF180-12HK  | VSKTF180-12HK  |
| IRKLF200-12HJP | VSKLF200-12HJP | IRKTF180-12HKP | VSKTF180-12HKP |
| IRKLF200-12HJP | VSKLF200-12HJP | IRKTF200-08HJ  | VSKTF200-08HJ  |
| IRKLF200-12HK  | VSKLF200-12HK  | IRKTF200-08HK  | VSKTF200-08HK  |
| IRKLF200-12HK  | VSKLF200-12HK  | IRKTF200-08HKP | VSKTF200-08HKP |
| IRKLF200-12HKP | VSKLF200-12HKP | IRKTF200-12HJ  | VSKTF200-12HJ  |
| IRKLF200-12HKP | VSKLF200-12HKP | IRKTF200-12HK  | VSKTF200-12HK  |
| IRKT170-04     | VSKT170-04     | IRKTF200-12HKP | VSKTF200-12HKP |
| IRKT170-08     | VSKT170-08     | IRKU250-12     | VSKU250-12     |
| IRKT170-12     | VSKT170-12     | IRKU250-12PBF  | VSKU250-12PBF  |
| IRKT170-12PBF  | VSKT170-12PBF  | IRKUF180-12HK  | VSKUF180-12HK  |
| IRKT170-14     | VSKT170-14     | IRKUF200-08HK  | VSKUF200-08HK  |
| IRKT170-14PBF  | VSKT170-14PBF  | IRKUF200-12HJ  | VSKUF200-12HJ  |
| IRKT170-16     | VSKT170-16     | IRKUF200-12HK  | VSKUF200-12HK  |
| IRKT170-16PBF  | VSKT170-16PBF  | IRKUF200-12HKP | VSKUF200-12HKP |
| IRKT230-04     | VSKT230-04     | IRKV230-08     | VSKV230-08     |
| IRKT230-08     | VSKT230-08     | IRKV250-04     | VSKV250-04     |
| IRKT230-08PBF  | VSKT230-08PBF  | IRKV250-08     | VSKV250-08     |
| IRKT230-12     | VSKT230-12     | IRKV250-12     | VSKV250-12     |
| IRKT230-12PBF  | VSKT230-12PBF  | IRKV250-12PBF  | VSKV250-12PBF  |
| IRKT230-14     | VSKT230-14     | IRKVF200-12HJ  | VSKVF200-12HJ  |

**SIP Modules :****OLD PN**

IRPDS30A  
IRVCM10A

**NEW PN**

VSPDS30A  
VSVCM10A

**Die / Wafers :**

| OLD PN        | NEW PN        | OLD PN         | NEW PN         |
|---------------|---------------|----------------|----------------|
| IR150LGH04S02 | VS150LGH04S02 | IR24CLR08LS10  | VS24CLR08LS10  |
| IR150LGH06S02 | VS150LGH06S02 | IR24CLR08LS15  | VS24CLR08LS15  |
| IR150LGH10S05 | VS150LGH10S05 | IR24CSR06L     | VS24CSR06L     |
| IR150LR10GS05 | VS150LR10GS05 | IR24CSR12L     | VS24CSR12L     |
| IR180DM12C    | VS180DM12C    | IR24CSR16L     | VS24CSR16L     |
| IR180DM16C    | VS180DM16C    | IR24DDR12L     | VS24DDR12L     |
| IR180LG10HS05 | VS180LG10HS05 | IR24DLR04LS20  | VS24DLR04LS20  |
| IR180SG06H    | VS180SG06H    | IR24DLR12LS15  | VS24DLR12LS15  |
| IR180SG12H    | VS180SG12H    | IR24DSR16L     | VS24DSR16L     |
| IR185BG12D    | VS185BG12D    | IR24DSR20L     | VS24DSR20L     |
| IR19BFR12LFK  | VS19BFR12LFK  | IR24EDR16L     | VS24EDR16L     |
| IR19BFR12LFP  | VS19BFR12LFP  | IR24EDR20L     | VS24EDR20L     |
| IR19CDR04L    | VS19CDR04L    | IR24EDR25L     | VS24EDR25L     |
| IR19CDR08L    | VS19CDR08L    | IR250SG12H     | VS250SG12H     |
| IR19DDR12L    | VS19DDR12L    | IR255SG06H     | VS255SG06H     |
| IR19EDR16L    | VS19EDR16L    | IR255SG12H     | VS255SG12H     |
| IR19EDR20L    | VS19EDR20L    | IR255SG16H     | VS255SG16H     |
| IR19EDR25L    | VS19EDR25L    | IR280LG10HS05  | VS280LG10HS05  |
| IR207DM12C    | VS207DM12C    | IR280LR08GS05  | VS280LR08GS05  |
| IR207DM12C    | VS207DM12C    | IR280LR10GS05  | VS280LR10GS05  |
| IR207LM06CS02 | VS207LM06CS02 | IR30AFR04LFM   | VS30AFR04LFM   |
| IR210DG12H    | VS210DG12H    | IR30AFR04NFM   | VS30AFR04NFM   |
| IR210DM12C    | VS210DM12C    | IR30ASR04N     | VS30ASR04N     |
| IR210DM16C    | VS210DM16C    | IR30BFR12LFK   | VS30BFR12LFK   |
| IR210DR06G    | VS210DR06G    | IR30CLR08LS10  | VS30CLR08LS10  |
| IR210DR06GS   | VS210DR06GS   | IR30CSR12L     | VS30CSR12L     |
| IR210LR06GS02 | VS210LR06GS02 | IR30CSR16L     | VS30CSR16L     |
| IR210LR06GS05 | VS210LR06GS05 | IR30DLR16S15   | VS30DLR16S15   |
| IR210LR08GS05 | VS210LR08GS05 | IR30EDR04L     | VS30EDR04L     |
| IR210LR10GS05 | VS210LR10GS05 | IR30EDR16L     | VS30EDR16L     |
| IR210SG06H    | VS210SG06H    | IR30EDR20L     | VS30EDR20L     |
| IR210SG10G    | VS210SG10G    | IR30EDR20M     | VS30EDR20M     |
| IR210SG10H    | VS210SG10H    | IR30ELR25S20   | VS30ELR25S20   |
| IR210SG10HS   | VS210SG10HS   | IR30FDR30L     | VS30FDR30L     |
| IR210SG12G    | VS210SG12G    | IR343SG12H     | VS343SG12H     |
| IR210SG12H    | VS210SG12H    | IR350LR06GS02T | VS350LR06GS02T |
| IR230DG06H    | VS230DG06H    | IR350SG08G     | VS350SG08G     |
| IR230DM16C    | VS230DM16C    | IR350SG10G     | VS350SG10G     |
| IR230SG06H    | VS230SG06H    | IR350SG10H     | VS350SG10H     |
| IR230SG12H    | VS230SG12H    | IR350SG12G     | VS350SG12G     |
| IR235DM12C    | VS235DM12C    | IR350SG12H     | VS350SG12H     |
| IR24ASR04M    | VS24ASR04M    | IR350SG14G     | VS350SG14G     |
| IR24ASR04N    | VS24ASR04N    | IR370SG12H     | VS370SG12H     |
| IR24BFR12LFJ  | VS24BFR12LFJ  | IR370SG16H     | VS370SG16H     |
| IR24BFR12LFK  | VS24BFR12LFK  | IR375SG16H     | VS375SG16H     |
| IR24CDR04L    | VS24CDR04L    | IR38AR08MFL    | VS38AR08MFL    |
| IR24CDR08L    | VS24CDR08L    | IR38CDR04M     | VS38CDR04M     |

|                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| IR38DSR16M      | VS38DSR16M      | IR135LM06CS02CB | VS135LM06CS02CB |
| IR38DSR18M      | VS38DSR18M      | IR135LM12CS05CB | VS135LM12CS05CB |
| IR38ESR16M      | VS38ESR16M      | IR155DM16CCB    | VS155DM16CCB    |
| IR38FDR30M      | VS38FDR30M      | IR180DM12CCB    | VS180DM12CCB    |
| IR38FSR22M      | VS38FSR22M      | IR180DM16CCB    | VS180DM16CCB    |
| IR38GDR45M      | VS38GDR45M      | IR180LM06CS02CB | VS180LM06CS02CB |
| IR480DG06H      | VS480DG06H      | IR180LM12CS05CB | VS180LM12CS05CB |
| IR480LR06GS02   | VS480LR06GS02   | IR207DM12CCB    | VS207DM12CCB    |
| IR480LR10GS05   | VS480LR10GS05   | IR207LM06CS02CB | VS207LM06CS02CB |
| IR480SG06G      | VS480SG06G      | IR220ZNO3G      | VS220ZNO3G      |
| IR480SG06H      | VS480SG06H      | IR220ZP03G      | VS220ZP03G      |
| IR480SG08G      | VS480SG08G      | IR230DM12CCB    | VS230DM12CCB    |
| IR480SG10G      | VS480SG10G      | IR230DM16CCB    | VS230DM16CCB    |
| IR480SG10H      | VS480SG10H      | IR230LM06CS02   | VS230LM06CS02   |
| IR480SG12G      | VS480SG12G      | IR230LM06CS02CB | VS230LM06CS02CB |
| IR480SG12H      | VS480SG12H      | IR230LM12CS05CB | VS230LM12CS05CB |
| IR480SG12HCB    | VS480SG12HCB    | IR280DG16H      | VS280DG16H      |
| IR480SG14G      | VS480SG14G      | IR340DM12CCB    | VS340DM12CCB    |
| IR480SG16H      | VS480SG16H      | IR340LM06CS02CB | VS340LM06CS02CB |
| IR52ASR04M      | VS52ASR04M      | IR340LM12CS05CB | VS340LM12CS05CB |
| IR52CDR02M      | VS52CDR02M      | IR390DM12CCB    | VS390DM12CCB    |
| IR52CDR04M      | VS52CDR04M      | IR390LM06CS02CB | VS390LM06CS02CB |
| IR52CDR08M      | VS52CDR08M      | IR390LM12CS05CB | VS390LM12CS05CB |
| IR52DSR16M      | VS52DSR16M      | IR155BG12DCB    | VS155BG12DCB    |
| IR590DM12C      | VS590DM12C      | IR185BG12DCB    | VS185BG12DCB    |
| IR590SG04H      | VS590SG04H      | IR185BG14DCB    | VS185BG14DCB    |
| IR590SG06H      | VS590SG06H      | IR210SG12HCB    | VS210SG12HCB    |
| IR590SG08H      | VS590SG08H      | IR250BG08D      | VS250BG08D      |
| IR590SG10H      | VS590SG10H      | IR250BG12D      | VS250BG12D      |
| IR590SG12H      | VS590SG12H      | IR250BG12DCB    | VS250BG12DCB    |
| IR060LM06CS02CB | VS060LM06CS02CB | IR250BG14DCB    | VS250BG14DCB    |
| IR080DM12CCB    | VS080DM12CCB    | IR350SG10HCB    | VS350SG10HCB    |
| IR135DM08CCB    | VS135DM08CCB    | IR350SG12HCB    | VS350SG12HCB    |
| IR135DM10CCB    | VS135DM10CCB    | IR370BG08D      | VS370BG08D      |
| IR135DM12CCB    | VS135DM12CCB    | IR370BG12D      | VS370BG12D      |
| IR135DM16CCB    | VS135DM16CCB    | IR480BG12D      | VS480BG12D      |

### Add-A-Pak Modules

| OLD PN     | NEW PN     | OLD PN     | NEW PN     |
|------------|------------|------------|------------|
| IRKC56/04P | VSKC56/04P | IRKC91/04P | VSKC91/04P |
| IRKC56/06P | VSKC56/06P | IRKC91/06P | VSKC91/06P |
| IRKC56/08P | VSKC56/08P | IRKC91/08P | VSKC91/08P |
| IRKC56/10P | VSKC56/10P | IRKC91/10P | VSKC91/10P |
| IRKC56/12P | VSKC56/12P | IRKC91/12P | VSKC91/12P |
| IRKC56/14P | VSKC56/14P | IRKC91/14P | VSKC91/14P |
| IRKC56/16P | VSKC56/16P | IRKC91/16P | VSKC91/16P |
| IRKC71/04P | VSKC71/04P | IRKD56/04P | VSKD56/04P |
| IRKC71/06P | VSKC71/06P | IRKD56/06P | VSKD56/06P |
| IRKC71/08P | VSKC71/08P | IRKD56/08P | VSKD56/08P |
| IRKC71/10P | VSKC71/10P | IRKD56/10P | VSKD56/10P |
| IRKC71/12P | VSKC71/12P | IRKD56/12P | VSKD56/12P |
| IRKC71/14P | VSKC71/14P | IRKD56/14P | VSKD56/14P |
| IRKC71/16P | VSKC71/16P | IRKD56/16P | VSKD56/16P |

|                |                |               |               |
|----------------|----------------|---------------|---------------|
| IRKD71/04P     | VSKD71/04P     | IRKH26/14S90P | VSKH26/14S90P |
| IRKD71/06P     | VSKD71/06P     | IRKH26/16P    | VSKH26/16P    |
| IRKD71/08P     | VSKD71/08P     | IRKH26/16S90P | VSKH26/16S90P |
| IRKD71/10P     | VSKD71/10P     | IRKH27/12P    | VSKH27/12P    |
| IRKD71/12P     | VSKD71/12P     | IRKH27/12S90P | VSKH27/12S90P |
| IRKD71/14P     | VSKD71/14P     | IRKH27/16P    | VSKH27/16P    |
| IRKD71/16P     | VSKD71/16P     | IRKH41/04P    | VSKH41/04P    |
| IRKD91/04P     | VSKD91/04P     | IRKH41/06P    | VSKH41/06P    |
| IRKD91/06P     | VSKD91/06P     | IRKH41/08P    | VSKH41/08P    |
| IRKD91/08P     | VSKD91/08P     | IRKH41/08S90P | VSKH41/08S90P |
| IRKD91/10P     | VSKD91/10P     | IRKH41/10P    | VSKH41/10P    |
| IRKD91/12P     | VSKD91/12P     | IRKH41/12P    | VSKH41/12P    |
| IRKD91/14P     | VSKD91/14P     | IRKH41/12S90P | VSKH41/12S90P |
| IRKD91/16P     | VSKD91/16P     | IRKH41/14P    | VSKH41/14P    |
| IRKE56/04P     | VSKE56/04P     | IRKH41/14S90P | VSKH41/14S90P |
| IRKE56/06P     | VSKE56/06P     | IRKH41/16P    | VSKH41/16P    |
| IRKE56/08P     | VSKE56/08P     | IRKH42/06P    | VSKH42/06P    |
| IRKE56/10P     | VSKE56/10P     | IRKH42/08P    | VSKH42/08P    |
| IRKE56/12P     | VSKE56/12P     | IRKH42/10P    | VSKH42/10P    |
| IRKE56/14P     | VSKE56/14P     | IRKH42/12P    | VSKH42/12P    |
| IRKE56/16P     | VSKE56/16P     | IRKH56/04P    | VSKH56/04P    |
| IRKE71/04P     | VSKE71/04P     | IRKH56/06P    | VSKH56/06P    |
| IRKE71/06P     | VSKE71/06P     | IRKH56/06S90P | VSKH56/06S90P |
| IRKE71/08P     | VSKE71/08P     | IRKH56/08P    | VSKH56/08P    |
| IRKE71/10P     | VSKE71/10P     | IRKH56/10P    | VSKH56/10P    |
| IRKE71/12P     | VSKE71/12P     | IRKH56/12P    | VSKH56/12P    |
| IRKE71/14P     | VSKE71/14P     | IRKH56/12S90P | VSKH56/12S90P |
| IRKE71/16P     | VSKE71/16P     | IRKH56/14P    | VSKH56/14P    |
| IRKE91/04P     | VSKE91/04P     | IRKH56/14S90P | VSKH56/14S90P |
| IRKE91/06P     | VSKE91/06P     | IRKH56/16P    | VSKH56/16P    |
| IRKE91/08P     | VSKE91/08P     | IRKH56/16S90P | VSKH56/16S90P |
| IRKE91/10P     | VSKE91/10P     | IRKH57/04P    | VSKH57/04P    |
| IRKE91/12P     | VSKE91/12P     | IRKH57/06P    | VSKH57/06P    |
| IRKE91/14P     | VSKE91/14P     | IRKH57/08P    | VSKH57/08P    |
| IRKE91/16P     | VSKE91/16P     | IRKH57/10P    | VSKH57/10P    |
| IRKH105/04P    | VSKH105/04P    | IRKH57/12P    | VSKH57/12P    |
| IRKH105/04S90P | VSKH105/04S90P | IRKH57/12S90P | VSKH57/12S90P |
| IRKH105/06P    | VSKH105/06P    | IRKH57/14P    | VSKH57/14P    |
| IRKH105/08P    | VSKH105/08P    | IRKH57/14S90P | VSKH57/14S90P |
| IRKH105/12P    | VSKH105/12P    | IRKH57/16P    | VSKH57/16P    |
| IRKH105/12S90P | VSKH105/12S90P | IRKH57/16S90P | VSKH57/16S90P |
| IRKH105/14P    | VSKH105/14P    | IRKH71/04P    | VSKH71/04P    |
| IRKH105/16P    | VSKH105/16P    | IRKH71/06P    | VSKH71/06P    |
| IRKH105/16S90P | VSKH105/16S90P | IRKH71/08P    | VSKH71/08P    |
| IRKH26/04P     | VSKH26/04P     | IRKH71/08S90P | VSKH71/08S90P |
| IRKH26/06P     | VSKH26/06P     | IRKH71/10P    | VSKH71/10P    |
| IRKH26/06S90P  | VSKH26/06S90P  | IRKH71/12P    | VSKH71/12P    |
| IRKH26/08P     | VSKH26/08P     | IRKH71/12S90P | VSKH71/12S90P |
| IRKH26/10P     | VSKH26/10P     | IRKH71/16P    | VSKH71/16P    |
| IRKH26/12P     | VSKH26/12P     | IRKH71/16S90P | VSKH71/16S90P |
| IRKH26/12S90P  | VSKH26/12S90P  | IRKH72/06P    | VSKH72/06P    |
| IRKH26/14P     | VSKH26/14P     | IRKH72/10P    | VSKH72/10P    |

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| IRKH91/04P    | VSKH91/04P    | IRKL26/16P    | VSKL26/16P    |
| IRKH91/06P    | VSKH91/06P    | IRKL26/16S90P | VSKL26/16S90P |
| IRKH91/06S90P | VSKH91/06S90P | IRKL27/12P    | VSKL27/12P    |
| IRKH91/08P    | VSKH91/08P    | IRKL41/04P    | VSKL41/04P    |
| IRKH91/10P    | VSKH91/10P    | IRKL41/06P    | VSKL41/06P    |
| IRKH91/10S90P | VSKH91/10S90P | IRKL41/08P    | VSKL41/08P    |
| IRKH91/12P    | VSKH91/12P    | IRKL41/10P    | VSKL41/10P    |
| IRKH91/12S90P | VSKH91/12S90P | IRKL41/12P    | VSKL41/12P    |
| IRKH91/14P    | VSKH91/14P    | IRKL41/12S90P | VSKL41/12S90P |
| IRKH91/14S90P | VSKH91/14S90P | IRKL41/14P    | VSKL41/14P    |
| IRKH91/16P    | VSKH91/16P    | IRKL41/16P    | VSKL41/16P    |
| IRKH91/16S90P | VSKH91/16S90P | IRKL42/06P    | VSKL42/06P    |
| IRKH92/10P    | VSKH92/10P    | IRKL56/04P    | VSKL56/04P    |
| IRKH92/12P    | VSKH92/12P    | IRKL56/06P    | VSKL56/06P    |
| IRKH92/12S90P | VSKH92/12S90P | IRKL56/06S90P | VSKL56/06S90P |
| IRKH92/14P    | VSKH92/14P    | IRKL56/08P    | VSKL56/08P    |
| IRKJ56/04P    | VSKJ56/04P    | IRKL56/10P    | VSKL56/10P    |
| IRKJ56/06P    | VSKJ56/06P    | IRKL56/12P    | VSKL56/12P    |
| IRKJ56/08P    | VSKJ56/08P    | IRKL56/12S90P | VSKL56/12S90P |
| IRKJ56/10P    | VSKJ56/10P    | IRKL56/14P    | VSKL56/14P    |
| IRKJ56/12P    | VSKJ56/12P    | IRKL56/14S90P | VSKL56/14S90P |
| IRKJ56/14P    | VSKJ56/14P    | IRKL56/16P    | VSKL56/16P    |
| IRKJ56/16P    | VSKJ56/16P    | IRKL56/16S90P | VSKL56/16S90P |
| IRKJ71/04P    | VSKJ71/04P    | IRKL71/04P    | VSKL71/04P    |
| IRKJ71/06P    | VSKJ71/06P    | IRKL71/06P    | VSKL71/06P    |
| IRKJ71/08P    | VSKJ71/08P    | IRKL71/08P    | VSKL71/08P    |
| IRKJ71/10P    | VSKJ71/10P    | IRKL71/10P    | VSKL71/10P    |
| IRKJ71/12P    | VSKJ71/12P    | IRKL71/12P    | VSKL71/12P    |
| IRKJ71/14P    | VSKJ71/14P    | IRKL71/12S90P | VSKL71/12S90P |
| IRKJ71/16P    | VSKJ71/16P    | IRKL71/16P    | VSKL71/16P    |
| IRKJ91/04P    | VSKJ91/04P    | IRKL72/08P    | VSKL72/08P    |
| IRKJ91/06P    | VSKJ91/06P    | IRKL91/04P    | VSKL91/04P    |
| IRKJ91/08P    | VSKJ91/08P    | IRKL91/06P    | VSKL91/06P    |
| IRKJ91/10P    | VSKJ91/10P    | IRKL91/06S90P | VSKL91/06S90P |
| IRKJ91/12P    | VSKJ91/12P    | IRKL91/08P    | VSKL91/08P    |
| IRKJ91/14P    | VSKJ91/14P    | IRKL91/10P    | VSKL91/10P    |
| IRKJ91/16P    | VSKJ91/16P    | IRKL91/12P    | VSKL91/12P    |
| IRKL105/04P   | VSKL105/04P   | IRKL91/12S90P | VSKL91/12S90P |
| IRKL105/06P   | VSKL105/06P   | IRKL91/14P    | VSKL91/14P    |
| IRKL105/08P   | VSKL105/08P   | IRKL91/14S90P | VSKL91/14S90P |
| IRKL105/10P   | VSKL105/10P   | IRKL91/16P    | VSKL91/16P    |
| IRKL105/12P   | VSKL105/12P   | IRKL91/16S90P | VSKL91/16S90P |
| IRKL105/14P   | VSKL105/14P   | IRKL92/12P    | VSKL92/12P    |
| IRKL105/16P   | VSKL105/16P   | IRKL92/12S90P | VSKL92/12S90P |
| IRKL26/04P    | VSKL26/04P    | IRKL92/16P    | VSKL92/16P    |
| IRKL26/06P    | VSKL26/06P    | IRKN105/16P   | VSKN105/16P   |
| IRKL26/08P    | VSKL26/08P    | IRKN26/12P    | VSKN26/12P    |
| IRKL26/10P    | VSKL26/10P    | IRKN26/16P    | VSKN26/16P    |
| IRKL26/12P    | VSKL26/12P    | IRKN56/12P    | VSKN56/12P    |
| IRKL26/12S90P | VSKL26/12S90P | IRKN56/16P    | VSKN56/16P    |
| IRKL26/14P    | VSKL26/14P    | IRKN91/12P    | VSKN91/12P    |
| IRKL26/14S90P | VSKL26/14S90P | IRKN91/16P    | VSKN91/16P    |



|                |                |               |               |
|----------------|----------------|---------------|---------------|
| IRKT105/04P    | VSKT105/04P    | IRKT42/14P    | VSKT42/14P    |
| IRKT105/06P    | VSKT105/06P    | IRKT42/16P    | VSKT42/16P    |
| IRKT105/08P    | VSKT105/08P    | IRKT56/04P    | VSKT56/04P    |
| IRKT105/10P    | VSKT105/10P    | IRKT56/06P    | VSKT56/06P    |
| IRKT105/12P    | VSKT105/12P    | IRKT56/06S90P | VSKT56/06S90P |
| IRKT105/12S90P | VSKT105/12S90P | IRKT56/08P    | VSKT56/08P    |
| IRKT105/14P    | VSKT105/14P    | IRKT56/08S90P | VSKT56/08S90P |
| IRKT105/14S90P | VSKT105/14S90P | IRKT56/10P    | VSKT56/10P    |
| IRKT105/16P    | VSKT105/16P    | IRKT56/10S90P | VSKT56/10S90P |
| IRKT105/16S90P | VSKT105/16S90P | IRKT56/12P    | VSKT56/12P    |
| IRKT106/12P    | VSKT106/12P    | IRKT56/12S90P | VSKT56/12S90P |
| IRKT106/14P    | VSKT106/14P    | IRKT56/14P    | VSKT56/14P    |
| IRKT106/16P    | VSKT106/16P    | IRKT56/14S90P | VSKT56/14S90P |
| IRKT106/16S90P | VSKT106/16S90P | IRKT56/16P    | VSKT56/16P    |
| IRKT26/04P     | VSKT26/04P     | IRKT56/16S90P | VSKT56/16S90P |
| IRKT26/06P     | VSKT26/06P     | IRKT57/04P    | VSKT57/04P    |
| IRKT26/06S90P  | VSKT26/06S90P  | IRKT57/06P    | VSKT57/06P    |
| IRKT26/08P     | VSKT26/08P     | IRKT57/08P    | VSKT57/08P    |
| IRKT26/08S90P  | VSKT26/08S90P  | IRKT57/10P    | VSKT57/10P    |
| IRKT26/10P     | VSKT26/10P     | IRKT57/12P    | VSKT57/12P    |
| IRKT26/12P     | VSKT26/12P     | IRKT57/12S90P | VSKT57/12S90P |
| IRKT26/12S90P  | VSKT26/12S90P  | IRKT57/14P    | VSKT57/14P    |
| IRKT26/14P     | VSKT26/14P     | IRKT57/14S90P | VSKT57/14S90P |
| IRKT26/14S90P  | VSKT26/14S90P  | IRKT57/16P    | VSKT57/16P    |
| IRKT26/16P     | VSKT26/16P     | IRKT57/16S90P | VSKT57/16S90P |
| IRKT26/16S90P  | VSKT26/16S90P  | IRKT71/04P    | VSKT71/04P    |
| IRKT27/04P     | VSKT27/04P     | IRKT71/06P    | VSKT71/06P    |
| IRKT27/06P     | VSKT27/06P     | IRKT71/08P    | VSKT71/08P    |
| IRKT27/08P     | VSKT27/08P     | IRKT71/08S90P | VSKT71/08S90P |
| IRKT27/10P     | VSKT27/10P     | IRKT71/10P    | VSKT71/10P    |
| IRKT27/12P     | VSKT27/12P     | IRKT71/12P    | VSKT71/12P    |
| IRKT27/12S90P  | VSKT27/12S90P  | IRKT71/12S90P | VSKT71/12S90P |
| IRKT27/16P     | VSKT27/16P     | IRKT71/14P    | VSKT71/14P    |
| IRKT27/16S90P  | VSKT27/16S90P  | IRKT71/14S90P | VSKT71/14S90P |
| IRKT41/04P     | VSKT41/04P     | IRKT71/16P    | VSKT71/16P    |
| IRKT41/06P     | VSKT41/06P     | IRKT71/16S90P | VSKT71/16S90P |
| IRKT41/08P     | VSKT41/08P     | IRKT72/12P    | VSKT72/12P    |
| IRKT41/08S90P  | VSKT41/08S90P  | IRKT91/04P    | VSKT91/04P    |
| IRKT41/10P     | VSKT41/10P     | IRKT91/06P    | VSKT91/06P    |
| IRKT41/10S90P  | VSKT41/10S90P  | IRKT91/06S90P | VSKT91/06S90P |
| IRKT41/12P     | VSKT41/12P     | IRKT91/08P    | VSKT91/08P    |
| IRKT41/12S90P  | VSKT41/12S90P  | IRKT91/08S90P | VSKT91/08S90P |
| IRKT41/14P     | VSKT41/14P     | IRKT91/10P    | VSKT91/10P    |
| IRKT41/14S90P  | VSKT41/14S90P  | IRKT91/12P    | VSKT91/12P    |
| IRKT41/16P     | VSKT41/16P     | IRKT91/12S90P | VSKT91/12S90P |
| IRKT41/16S90P  | VSKT41/16S90P  | IRKT91/14P    | VSKT91/14P    |
| IRKT42/06P     | VSKT42/06P     | IRKT91/14S90P | VSKT91/14S90P |
| IRKT42/08P     | VSKT42/08P     | IRKT91/16P    | VSKT91/16P    |
| IRKT42/08S90P  | VSKT42/08S90P  | IRKT91/16S90P | VSKT91/16S90P |
| IRKT42/10P     | VSKT42/10P     | IRKT92/04P    | VSKT92/04P    |
| IRKT42/12P     | VSKT42/12P     | IRKT92/06P    | VSKT92/06P    |
| IRKT42/12S90P  | VSKT42/12S90P  | IRKT92/08P    | VSKT92/08P    |

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| IRKT92/10P    | VSKT92/10P    | IRKV56/16P    | VSKV56/16P    |
| IRKT92/12P    | VSKT92/12P    | IRKV71/12S90P | VSKV71/12S90P |
| IRKT92/12S90P | VSKT92/12S90P | IRKV91/04P    | VSKV91/04P    |
| IRKT92/14P    | VSKT92/14P    | IRKV91/08P    | VSKV91/08P    |
| IRKT92/14S90P | VSKT92/14S90P | IRKV91/12P    | VSKV91/12P    |
| IRKT92/16P    | VSKT92/16P    | IRKV91/16P    | VSKV91/16P    |
| IRKT92/16S90P | VSKT92/16S90P | IRKDS200/045P | VSKDS200/045P |
| IRKU105/04P   | VSKU105/04P   | IRKDS201/045P | VSKDS201/045P |
| IRKU105/08P   | VSKU105/08P   | IRKDS203/100P | VSKDS203/100P |
| IRKU105/12P   | VSKU105/12P   | IRKDS208/060P | VSKDS208/060P |
| IRKU41/08P    | VSKU41/08P    | IRKDS209/150P | VSKDS209/150P |
| IRKU41/16P    | VSKU41/16P    | IRKDS220/030P | VSKDS220/030P |
| IRKU56/04P    | VSKU56/04P    | IRKDS301/045P | VSKDS301/045P |
| IRKU56/08P    | VSKU56/08P    | IRKDS303/100P | VSKDS303/100P |
| IRKU56/10P    | VSKU56/10P    | IRKDS330/030P | VSKDS330/030P |
| IRKU56/12P    | VSKU56/12P    | IRKDS400/045P | VSKDS400/045P |
| IRKU56/16P    | VSKU56/16P    | IRKDS401/045P | VSKDS401/045P |
| IRKU71/04P    | VSKU71/04P    | IRKDS403/100P | VSKDS403/100P |
| IRKU71/08P    | VSKU71/08P    | IRKDS408/060P | VSKDS408/060P |
| IRKU71/12P    | VSKU71/12P    | IRKDS409/150P | VSKDS409/150P |
| IRKU71/16P    | VSKU71/16P    | IRKDS440/030P | VSKDS440/030P |
| IRKU91/04P    | VSKU91/04P    | IRKDS200/045P | VSKDS200/045P |
| IRKU91/06P    | VSKU91/06P    | IRKDS201/045P | VSKDS201/045P |
| IRKU91/08P    | VSKU91/08P    | IRKDS203/100P | VSKDS203/100P |
| IRKU91/12P    | VSKU91/12P    | IRKDS208/060P | VSKDS208/060P |
| IRKU91/12S90P | VSKU91/12S90P | IRKDS209/150P | VSKDS209/150P |
| IRKU91/16P    | VSKU91/16P    | IRKDS220/030P | VSKDS220/030P |
| IRKV105/08P   | VSKV105/08P   | IRKDS301/045P | VSKDS301/045P |
| IRKV105/12P   | VSKV105/12P   | IRKDS303/100P | VSKDS303/100P |
| IRKV41/04P    | VSKV41/04P    | IRKDS330/030P | VSKDS330/030P |
| IRKV41/12P    | VSKV41/12P    | IRKDS400/045P | VSKDS400/045P |
| IRKV56/04P    | VSKV56/04P    | IRKDS401/045P | VSKDS401/045P |
| IRKV56/06P    | VSKV56/06P    | IRKDS403/100P | VSKDS403/100P |
| IRKV56/12P    | VSKV56/12P    | IRKDS408/060P | VSKDS408/060P |
|               |               | IRKDS409/150P | VSKDS409/150P |
|               |               | IRKDS440/030P | VSKDS440/030P |

**VISHAY BRAND(s):** Vishay Semiconductors

**TIME SCHEDULE:**

Start Shipment Date for new part number: February 1<sup>st</sup> 2008;  
 Last time buy date for old part number: February 28<sup>th</sup> 2008;  
 Last shipment date for old part number: May 30<sup>th</sup> 2008;  
 Last time return for old part number: February 1<sup>st</sup> 2008.

**SAMPLE AVAILABILITY:** None

**PRODUCT IDENTIFICATION:** Product marking.

**QUALIFICATION DATA:** None because there is not change in the products but only on the nomenclature.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before December 31<sup>st</sup> 2007 or as specified by contract.**

**ISSUED BY:** Alessandro Bonaudo HPP Regional Marketing Director

**For further information, please contact your regional Vishay office.**

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Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».



## JONHON

«**JONHON**» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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