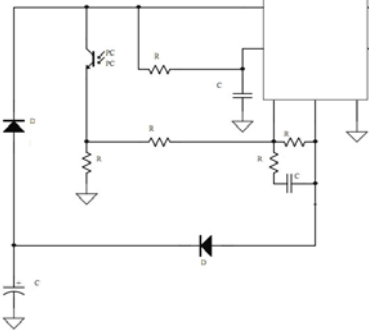
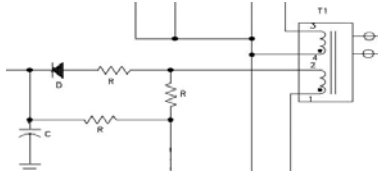




4148 新參數

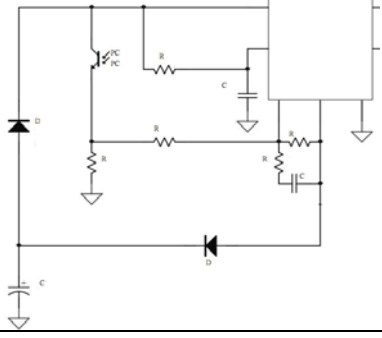
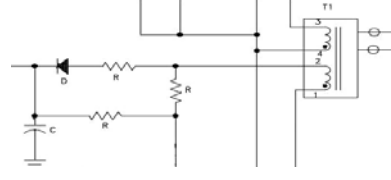


根據電源產品在交流輸入整流電路和高電壓位置應用的耐壓需求,新開發更高參數耐電壓和低漏電流的 4148 產品, CD4148WN (1206 100V)和 CD4148WSN (0805 100V), 新產品和一般的 4148 產品比較列表如下:

| 料號 | 一般產品 | 新產品 |
|-------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| | CD4148WP (舊型貨號) CD4148WSP (舊型貨號) | CD4148WN (增強型貨號) CD4148WSN (增強型貨號) |
| 封裝 | 1206, 等同 SOD123 0805, 等同 SOD323 | 1206, 等同 SOD123 0805, 等同 SOD323 |
| 連續性最高反向電壓 VRRM | 75V | 100V |
| 在 75V 下的漏電流, IR | 5uA | 0.5uA |
| 應用電路 | <p>小訊號開關</p>  | <p>直流輸入和高電壓位置</p>  |
| 產品區域 | 一般應用, 除了高電壓位置 | 電源供應器(Power supply), 適配器(adapter) & 變頻器 (inverter) |
| 產品外型 |  |  |

SINLOON®

4148 NEW DEVELOPMENT

To enhance the switching diode voltage withstand to suit the power supply AC switching input as rectified circuit and high reverse voltage application, new developed the **CD4148WN** and **CD4148WSN** with higher voltage withstand and lower leakage current, the comparison table as below:

| Part No | CD4148WP CD4148WSP | CD4148WN CD4148WSN |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Package | 1206, SOD123 equivalent 0805, SOD323 equivalent | 1206, SOD123 equivalent 0805, SOD323 equivalent |
| Repetitive peak reverse voltage, VRRM | 75V | 100V |
| Leakage current at 75V, IR | 5uA | 0.5uA |
| Application circuit | <p>Small signal switching</p>  | <p>Fast AC switching input as rectified circuit and high reverse voltage location</p>  |
| Product field | General application except high reverse voltage location | Power supply, adapter & inverter |
| Figure |  |  |

