

# VDSL Splitter Protection Module

## APC77131



### FEATURES

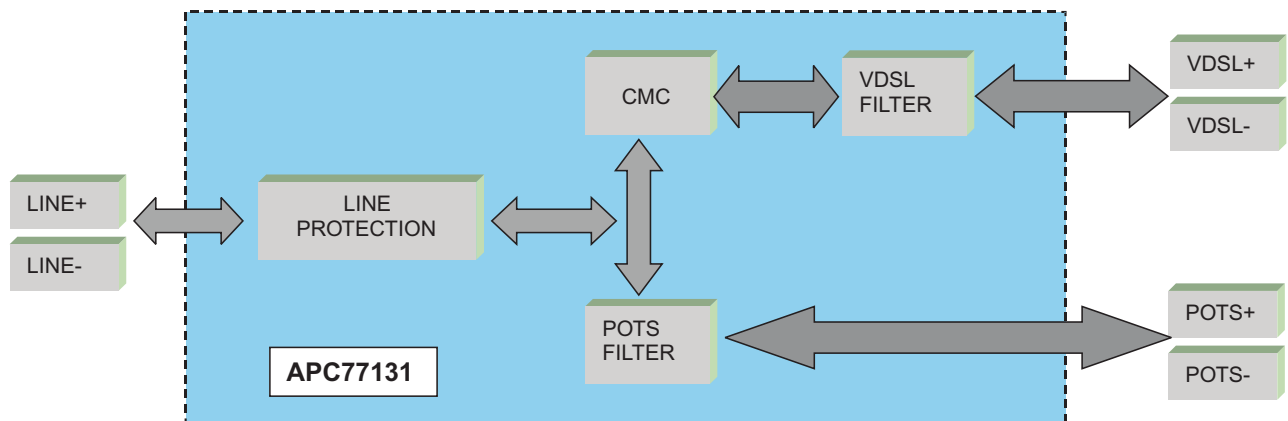
- Designed for Broadcom BCM6315 and BCM6020 chipset
- Includes Line Protection (voltage and current) / VDSL filter / POTS Splitter functions
- Minimum surface mount footprint for increased line card density

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### ELECTRICAL SPECIFICATIONS@25°C

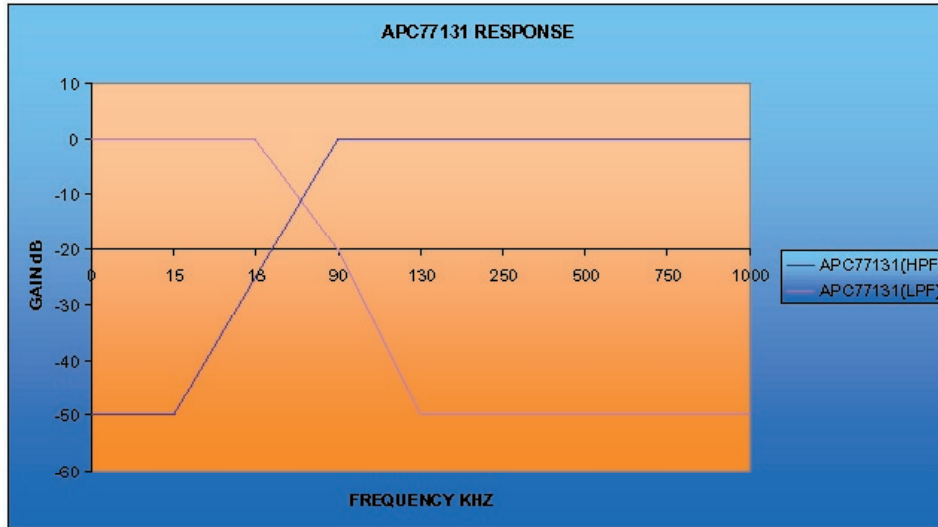
| Description | Passband Freq | Stopband Freq | Attenuation min | Impedance |
|-------------|---------------|---------------|-----------------|-----------|
| POTS LPF    | DC to 18 KHz  | 130 KHz >     | 50dB            | 600R      |
| VDSL HPF    | 90 KHz >      | DC to 15 KHz  | 50dB            | 100R      |

### BLOCK DIAGRAM



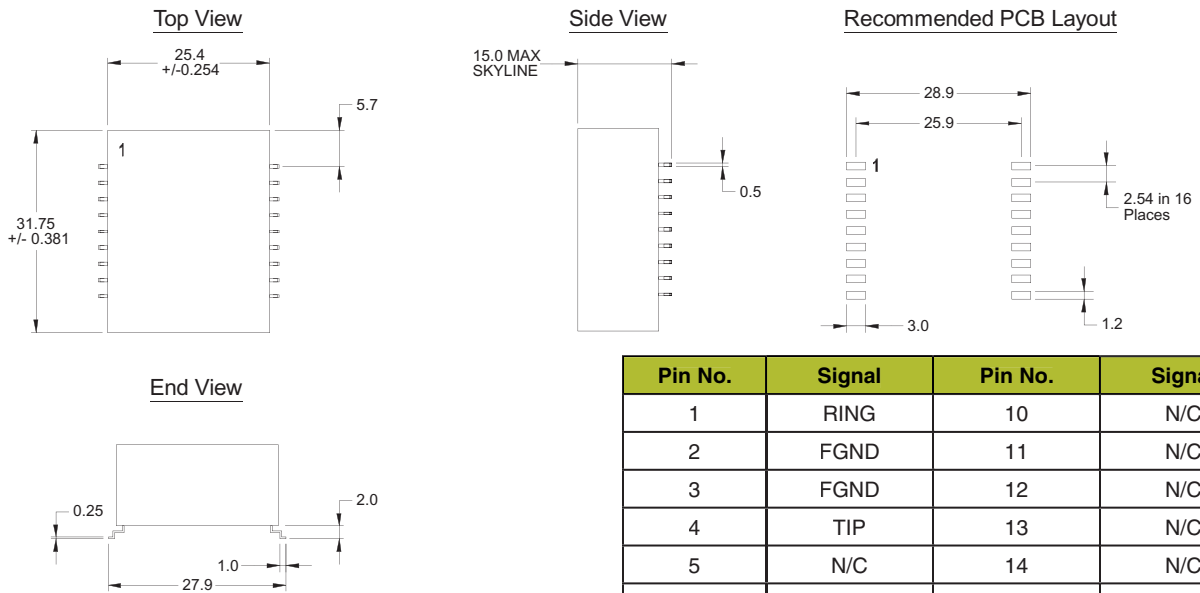
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### FREQUENCY ALLOCATION



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### MECHANICAL



| Pin No. | Signal | Pin No. | Signal |
|---------|--------|---------|--------|
| 1       | RING   | 10      | N/C    |
| 2       | FGND   | 11      | N/C    |
| 3       | FGND   | 12      | N/C    |
| 4       | TIP    | 13      | N/C    |
| 5       | N/C    | 14      | N/C    |
| 6       | POTS P | 15      | N/C    |
| 7       | N/C    | 16      | VDSL N |
| 8       | N/C    | 17      | N/C    |
| 9       | POTS N | 18      | VDSL P |

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