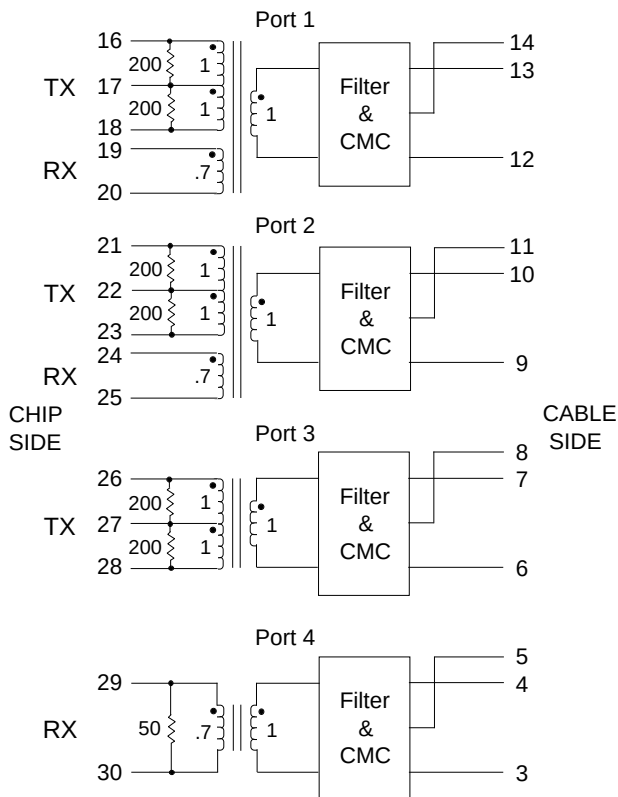


# 100 Base-T4 Interface Module (Used with Intel 82553)

| PCA Part Number(s)                                                                    |            |                    | EPE6208S |     |         |
|---------------------------------------------------------------------------------------|------------|--------------------|----------|-----|---------|
| Electrical Specifications @ 25°C                                                      |            |                    |          |     |         |
| Parameter                                                                             | Frequency  | Specification      | XMIT     | RCV | Unit    |
| Insertion Loss (Note 1)                                                               | 2-12.5 MHz |                    | 1.0      | 1.0 | dB Max. |
| Attenuation (Note 2)                                                                  | 30 MHz     |                    | 25       | 25  | dB Min. |
|                                                                                       | 40 MHz     |                    | 35       | 35  | dB Min. |
| Return Loss                                                                           | 2-12.5 MHz | @ 100Ω             | 18       | 18  | dB Min. |
| Common Mode Rejection                                                                 | 1-30 MHz   |                    | 50       | 30  | dB Min. |
|                                                                                       | 30-100 MHz |                    | 40       | 30  | dB Min. |
| Crosstalk                                                                             | 2-12.5 MHz | 45 (Between Ports) |          |     | dB Min. |
| Isolation                                                                             |            | 1500               |          |     | Vrms    |
| Notes : 1. Excludes loss due to resistors.<br>2. Referenced to filter output @ 5 MHz. |            |                    |          |     |         |

## Schematic



## Package

