\*\*Tensão de entrada\*\*

Vout = [5100 / (5100+2000)]\* 5 = 3,591v

\*\*Tabela\*\*

| 0,0000 < V < 0,3591 | 0 |

| 0,3591 < V < 0,7182 | 1 |

| 0,7182 < V < 1,0773 | 2 |

| 1,0773 < V < 1,4364 | 3 |

| 1,4364 < V < 1,7955 | 4 |

| 1,7955 < V < 2,1546 | 5 |

| 2,1546 < V < 2,5137 | 6 |

| 2,5137 < V < 2,8728 | 7 |

| 2,8728 < V < 3,2319 | 8 |

| 3,2319 < V < 3,5910 | 9 |

\*\*Menor valor mais proximo da tabela inicial\*\*

Low

| 0,0000 < V < 0,2080 | 0 |

| 0,2080 < V < 0,6250 | 1 |

| 0,6250 < V < 1,0410 | 2 |

High

| 1,0410 < V < 1,4060 | 3 |

| 1,4060 < V < 1,7180 | 4 |

| 1,7180 < V < 2,1870 | 5 |

| 2,1870 < V < 2,5000 | 6 |

| 2,5000 < V < 2,8120 | 7 |

| 2,8120 < V < 3,1250 | 8 |

| 3,1250 < V < 3,4370 | 9 |

\*\*Maior valor mais proximo da tabela inicial\*\*

| 0,0000 < V < 0,3591 | 0 |

| 0,3591 < V < 0,7182 | 1 |

| 0,7182 < V < 1,0773 | 2 |

| 1,0773 < V < 1,4364 | 3 |

| 1,4364 < V < 1,7955 | 4 |

| 1,7955 < V < 2,1546 | 5 |

| 2,1546 < V < 2,5137 | 6 |

| 2,5137 < V < 2,8728 | 7 |

| 2,8728 < V < 3,2319 | 8 |

| 3,2319 < V < 3,5910 | 9 |

\*\*Low Range\*\* (valor do Vr3:Vr0 | tensão de referência resultante | tensão referente a 5v)

| 00 | 0,000 | 0,000 (0,0)

| 01 | 0,208 | 0,289

| 02 | 0,416 | 0,579 (0,5)

| 03 | 0,625 | 0,870 (1,0)

| 04 | 0,833 | 1,159 (1,0)

| 05 | 1,041 | 1,449 (1,5)

| 06 | 1,250 | 1,740

| 07 | 1,458 | 2,029 (2,0)

| 08 | 1,666 | 2,319

| 09 | 1,875 | 2,575 (2,5)

| 10 | 2,080 | 2,895

| 11 | 2,291 | 3,189

| 12 | 2,500 | 3,480

| 13 | 2,708 | 3,769

| 14 | 2,916 | 4,059 (4,0)

| 15 | 3,125 | 4,524 (4,5)

\*\*High Range\*\* (valor do Vr3:Vr0 | tensão de referência resultante | tensão referente a 5v)

| 00 | 1,250 | 1,740

| 01 | 1,406 | 1,957

| 02 | 1,562 | 2,174

| 03 | 1,718 | 2,391

| 04 | 1,875 | 2,610

| 05 | 2,031 | 2,827

| 06 | 2,187 | 3,044 (3,0)

| 07 | 2,343 | 3,261

| 08 | 2,500 | 3,480 (3,5)

| 09 | 2,656 | 3,697

| 10 | 2,812 | 3,914

| 11 | 2,968 | 4,131

| 12 | 3,125 | 4,350

| 13 | 3,281 | 4,567

| 14 | 3,437 | 4,784

| 15 | 3,593 | 5,002 (5,0)