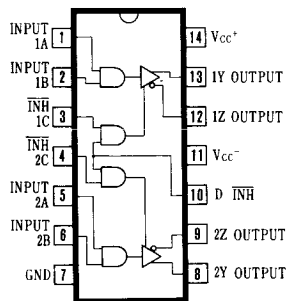


Dual Diff Line Driver 75109A

ピン接続



- ★ TTL 入力レベル
- ★ ± 5V サプライ
- ★ 6mA カレント・スイッチ
- ★ ペアレシーバ : 75107/8, 75207/8

FUNCTION TABLE

| LOGIC INPUTS | | INHIBITOR INPUTS | | OUTPUTS | |
|--------------|---|------------------|---|---------|-----|
| A | B | C | D | Y | Z |
| X | X | L | X | OFF | OFF |
| X | X | X | L | OFF | OFF |
| L | X | H | H | ON | OFF |
| X | L | H | H | ON | OFF |
| H | H | H | H | OFF | ON |

| 項目 | 条件 | 方向 | データ | | | 単位 | 社名 | 型名 |
|----------|--------------|---------------|-----|------|------|---------|-------|----------|
| | | | MIN | TYP | MAX | | | |
| 諸 | V_{IK} | $I_1 = -12mA$ | | -0.9 | -1.5 | V | | |
| | t_{pd} | A, B | L→H | 9 | 15 | ns | TI | SN75109A |
| | | | H→L | 9 | 15 | ns | FC | |
| | | C, D | L→H | 16 | 25 | ns | NS | |
| H→L | | | 13 | 25 | ns | MOT | | |
| 特 | I_{CC+} | 出力 ON | | 18 | 30 | mA | Sig | |
| | I_{CC-} | 出力 ON | | -18 | -30 | mA | AMD | |
| 性 | | | | | | | RAY | |
| | | | | | | | MMI | |
| | | | | | | | Intel | |
| | | | | | | | SPR | |
| | | | | | | | ITT | |
| | | | | | | | | |
| | | | | | | | 日立 | HD75109 |
| 入力電流電圧特性 | I_{IH} | A, B, C | | | 40 | μA | 三菱 | |
| | | D | | | 80 | μA | 富士通 | |
| | I_{IL} | A, B, C | | | -3 | mA | 日電 | |
| | | D | | | -6 | mA | 東芝 | |
| | | | | | | | 松下 | |
| | | | | | | | 三洋 | |
| 出力電流電圧特性 | $I_{O(ON)}$ | $V_O = 10V$ | | 6 | 7 | mA | | |
| | | $V_O = 3V$ | 3.5 | 6 | | mA | | |
| | $I_{O(OFF)}$ | $V_O = 10V$ | | | 100 | μA | | |

75112 / 75110A / 75109A

