

# SANKEN DISCRETES

## TRANSISTOR ARRAYS

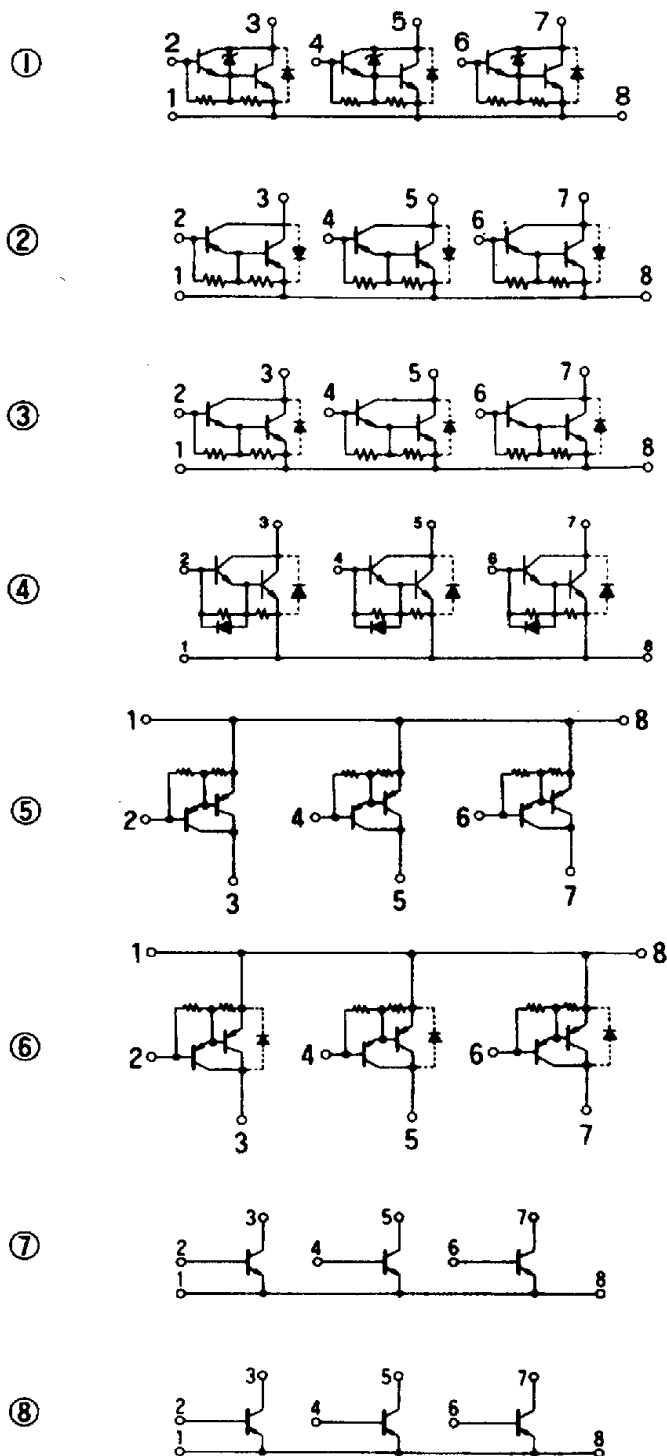
| Type No. | V <sub>CE0</sub><br>(V) | I <sub>C(I<sub>CP</sub>)</sub><br>(A) | h <sub>FE</sub><br>min | Equivalent<br>Circuit<br>Diagram |
|----------|-------------------------|---------------------------------------|------------------------|----------------------------------|
| STA301A  | 60±10                   | 4(8)                                  | 1000                   | 1                                |
| STA302A  | -50                     | -4(-8)                                | 1000                   | 2                                |
| STA303A  | 100                     | 4(8)                                  | 1000                   | 3                                |
| STA304A  | 550                     | 1(2)                                  | 200                    | 4                                |
| STA305A  | -550                    | -1(-2)                                | 200                    | 5                                |
| STA308A  | -120                    | -4(-8)                                | 2000                   | 6                                |
| STA311A  | 50                      | 3(5)                                  | 70                     | 7                                |
| STA312A  | 60                      | 3(6)                                  | 300                    | 7                                |
| STA321A  | -60                     | -3(-6)                                | 40                     | 8                                |
| STA322A  | -50                     | -3(-5)                                | 100                    | 8                                |
| STA341M  | 30                      | 1                                     | 100                    | 9                                |
|          | -30                     | -1                                    | 100                    |                                  |
| STA342M  | 30                      | 1                                     | 100                    | 10                               |
| STA401A  | 60±10                   | 4(8)                                  | 1000                   | 11                               |
| STA402A  | -50                     | -4(-8)                                | 1000                   | 12                               |
| STA403A  | 100                     | 4(8)                                  | 1000                   | 13                               |
| STA404A  | 200                     | 3(6)                                  | 1000                   | 13                               |
| STA405A  | 80                      | 4(8)                                  | 1000                   | 13                               |
| STA406A  | 60±10                   | 6                                     | 2000                   | 11                               |
| STA407A  | 100±15                  | 4(8)                                  | 2000                   | 11                               |
| STA408A  | -120                    | -4(-8)                                | 2000                   | 14                               |
| STA411A  | 60                      | 3(6)                                  | 40                     | 15                               |
| STA412A  | 60                      | 3(6)                                  | 300                    | 15                               |
| STA413A  | 35±5                    | 3(6)                                  | 500                    | 16                               |
| STA414A  | (V <sub>CER</sub> )100  | 5(8)                                  | 200                    | 17                               |
| STA421A  | -60                     | -3(-6)                                | 40                     | 18                               |
| STA431A  | 60                      | 3(6)                                  | 40                     | 19                               |
|          | -60                     | -3(-6)                                | 40                     |                                  |
| STA432A  | 60±10                   | 4(8)                                  | 1000                   | 20                               |
|          | -60                     | -3(-6)                                | 40                     |                                  |
| STA433A  | 100                     | 4(8)                                  | 1000                   | 21                               |
| STA434A  | 60                      | 4(8)                                  | 1000                   | 22                               |
|          | -60                     | -4(-8)                                | 1000                   |                                  |
| STA435A  | 65±15                   | 4(8)                                  | 1000                   | 23                               |
| STA437A  | -50                     | -4(-8)                                | 1000                   | 14                               |
| STA438A  | 200                     | 3(6)                                  | 1000                   | 21                               |
| STA439A  | 60±10                   | 6                                     | 2000                   | 23                               |
| STA441C  | 160                     | 1.5(3)                                | 40                     | 24                               |
| STA451C  | 60                      | 3(6)                                  | 40                     | 25                               |
|          | -60                     | -3(-6)                                | 40                     |                                  |
| STA455C  | 35                      | 7(12)                                 | 80                     | 26                               |
|          | -35                     | -7(-12)                               | 80                     |                                  |
| STA457C  | 60                      | 4(8)                                  | 2000                   | 27                               |
|          | -60                     | -4(-8)                                | 2000                   |                                  |
| STA458C  | 30                      | 5(10)                                 | 40                     | 28                               |
|          | -30                     | -5(-10)                               | 40                     |                                  |
| STA460C  | 60±10                   | ±6(±10)                               | 700                    | 29                               |
| STA471A  | 60±10                   | 2(4)                                  | 2000                   | 11                               |
| STA472A  | -60                     | -2(-4)                                | 2000                   | 12                               |
| STA473A  | 100                     | 2(4)                                  | 2000                   | 13                               |
| STA475A  | 100±15                  | 2(4)                                  | 2000                   | 11                               |

| Type No. | V <sub>CE0</sub><br>(V) | I <sub>C(I<sub>CP</sub>)</sub><br>(A) | h <sub>FE</sub><br>min | Equivalent<br>Circuit<br>Diagram |
|----------|-------------------------|---------------------------------------|------------------------|----------------------------------|
| SMA4020  | -60                     | -4                                    | 2000                   | 30                               |
| SMA4021  | -60                     | -3(-6)                                | 2000                   | 31                               |
| SMA4030  | 100                     | 3(5)                                  | 2000                   | 32                               |
| SMA4031  | 100                     | 3(5)                                  | 2000                   | 33                               |
| SMA4032  | 100                     | 3(5)                                  | 2000                   | 33                               |
| SMA4033  | 100                     | 2(4)                                  | 2000                   | 33                               |
| SMA4121  | 50                      | 3                                     | 500                    | 34                               |
| SMA6010  | 60                      | 4(6)                                  | 2000                   | 35                               |
|          | -60                     | -4(-6)                                | 2000                   |                                  |
| SMA6012  | 60                      | 4(6)                                  | 2000                   | 36                               |
|          | -60                     | -4(-6)                                | 2000                   |                                  |
| SMA6040  | 30                      | 2(4)                                  | 2000                   | 37                               |
|          | -30                     | -2(-4)                                | 70                     |                                  |
| SMA6511  | 100±15                  | 1.5                                   | 2000                   | 38                               |
|          | -50                     | -3                                    | 2000                   |                                  |
| SMA6512  | 60±10                   | 1.5                                   | 2000                   | 38                               |
|          | -50                     | -3                                    | 2000                   |                                  |

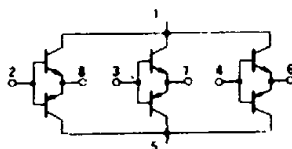
# SANKEN DISCRETES TRANSISTOR ARRAYS

## TRANSISTOR ARRAYS

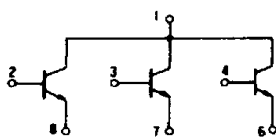
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|----------|------------------|----------------------|-----------------|----------------------------------|
| SLA4010  | 60±10            | 4(6)                 | 2000            | 39                               |
| SLA4020  | -60              | -4(-6)               | 2000            | 40                               |
| SLA4030  | 100              | 4(6)                 | 2000            | 41                               |
| SLA4031  | 120              | 4(6)                 | 2000            | 42                               |
| SLA4041  | 200              | 3(6)                 | 1000            | 42                               |
| SLA4060  | 120              | 5(8)                 | 2000            | 41                               |
| SLA4061  | 120              | 5(8)                 | 2000            | 42                               |
| SLA4070  | -100             | -5(-8)               | 1000            | 40                               |
| SLA4071  | -100             | -5(-8)               | 1000            | 43                               |
| SLA4310  | 60               | 4(6)                 | 80              | 44                               |
|          | -60              | -4(-6)               | 80              |                                  |
| SLA4312  | 60               | 4(6)                 | 40              | 45                               |
|          | -60              | -4(-6)               | 40              |                                  |
| SLA4313  | 35               | 5(8)                 | 50              | 46                               |
|          | -35              | -5(-8)               | 50              |                                  |
| SLA4340  | 60               | 4(6)                 | 2000            | 47                               |
|          | -60              | -4(-6)               | 2000            |                                  |
| SLA4342  | 60               | 4(6)                 | 2000            | 48                               |
|          | -60              | -4(-6)               | 2000            |                                  |
| SLA4390  | 100              | 5(8)                 | 2000            | 47                               |
|          | -100             | -5(-8)               | 2000            |                                  |
| SLA4391  | 100              | 5(8)                 | 1000            | 49                               |
|          | -100             | -5(-8)               | 1000            |                                  |
| SLA4392  | 100              | 5(8)                 | 1000            | 50                               |
|          | -100             | -5(-8)               | 1000            |                                  |
| SLA6010  | 60               | 4(6)                 | 2000            | 51                               |
|          | -60              | -4(-6)               | 2000            |                                  |
| SLA6012  | 60               | 4                    | 2000            | 52                               |
|          | -60              | -4                   | 2000            |                                  |
| SLA6020  | 100              | 5(8)                 | 2000            | 51                               |
|          | -100             | -5(-8)               | 2000            |                                  |
| SLA6022  | 80               | 5(8)                 | 2000            | 52                               |
|          | -100             | -5(-8)               | 2000            |                                  |
| SLA6023  | 60               | 6(12)                | 2000            | 52                               |
|          | -60              | -6(-12)              | 2000            |                                  |
| SLA6030  | 35               | 4(6)                 | 70              | 53                               |
|          | -35              | -4(-6)               | 70              |                                  |
| SLA6050  | 100              | 5                    | 2000            | 51                               |
|          | -60              | -4                   | 2000            |                                  |
| SLA8001  | 60               | 12                   | 50              | 54                               |
|          | -60              | -12                  | 50              |                                  |
| SLA1008  | 120 ( $V_R$ )    | ( $I_0$ ) 0.7        |                 | 55                               |



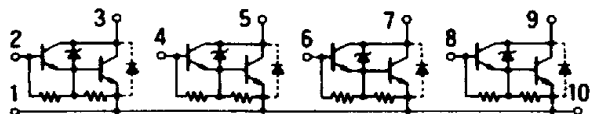
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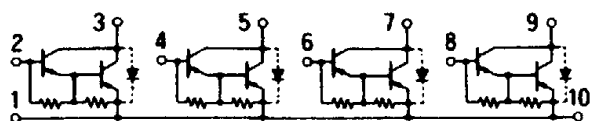
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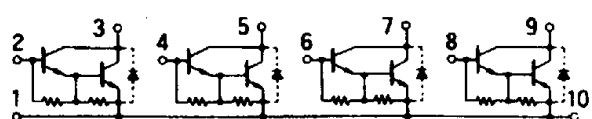
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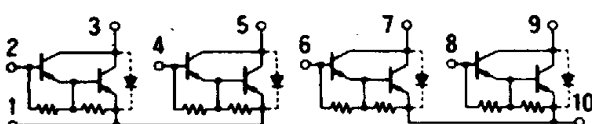
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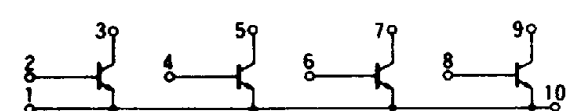
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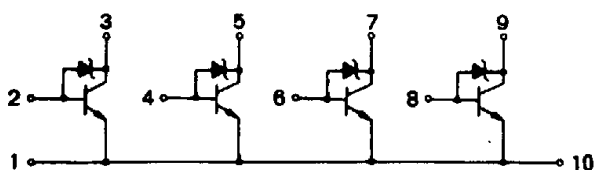
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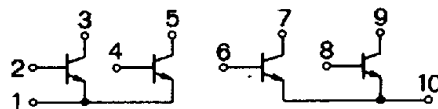
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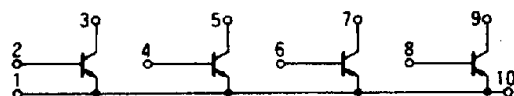
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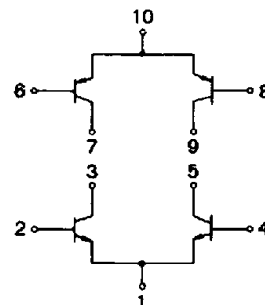
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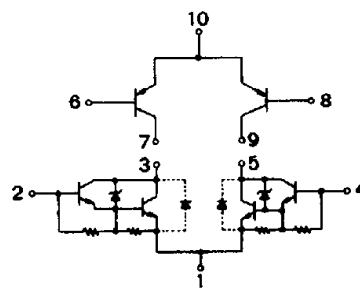
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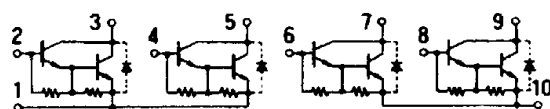
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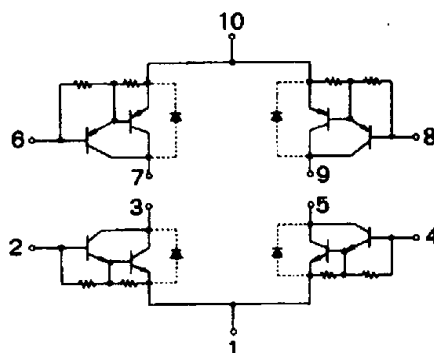
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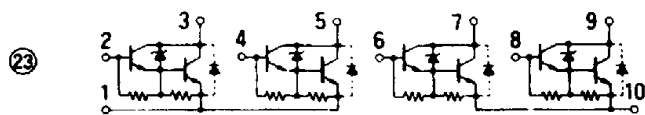


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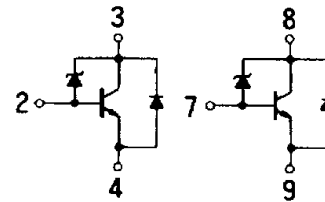


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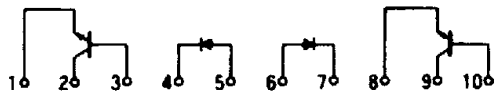




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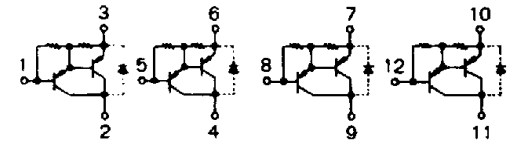
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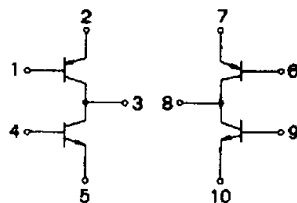
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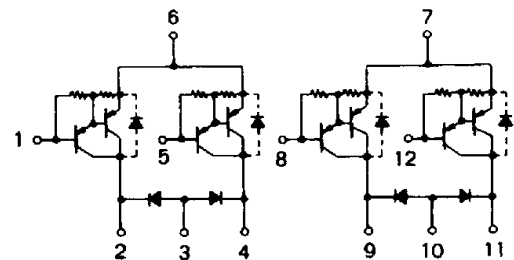
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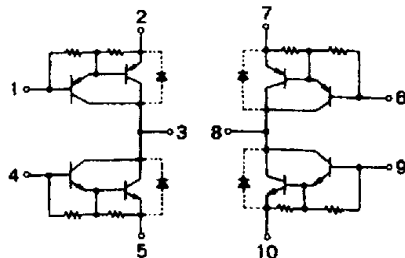
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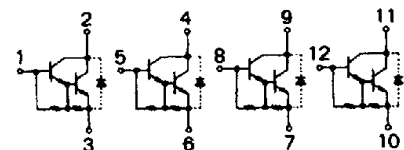
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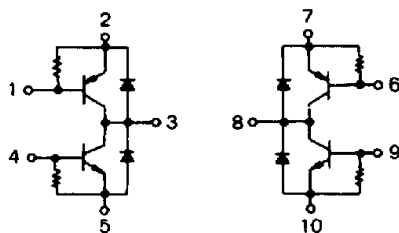
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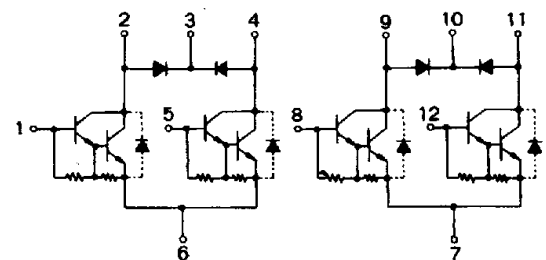
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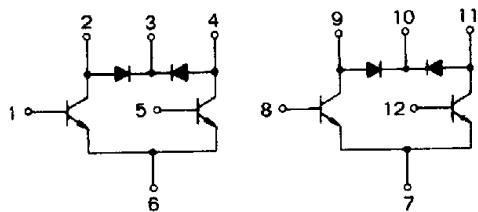
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③③



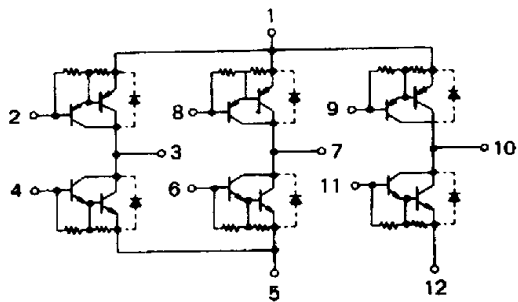
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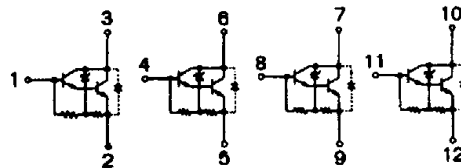
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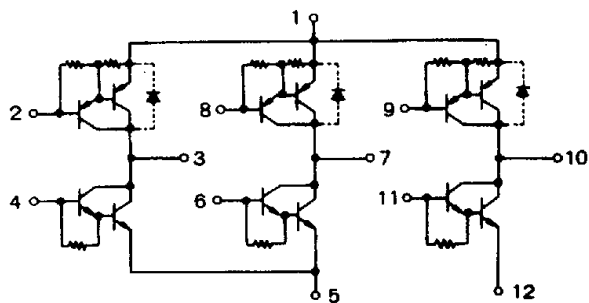
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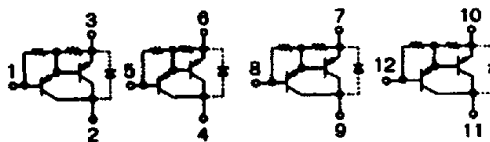
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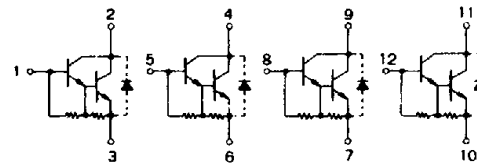
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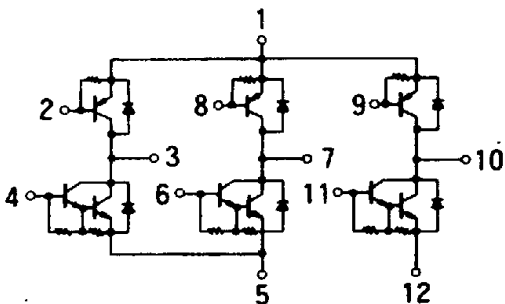
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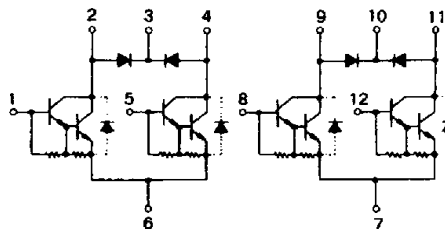
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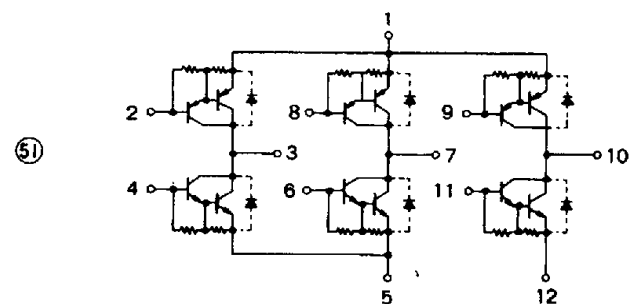
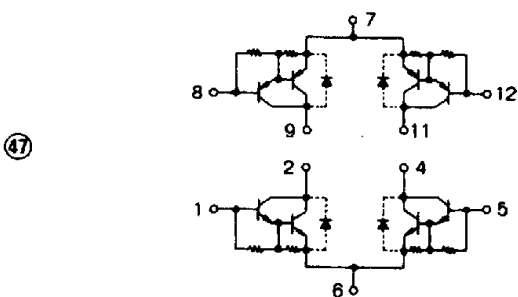
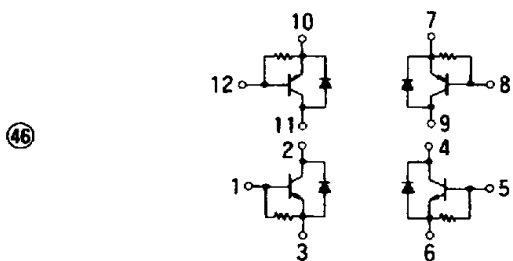
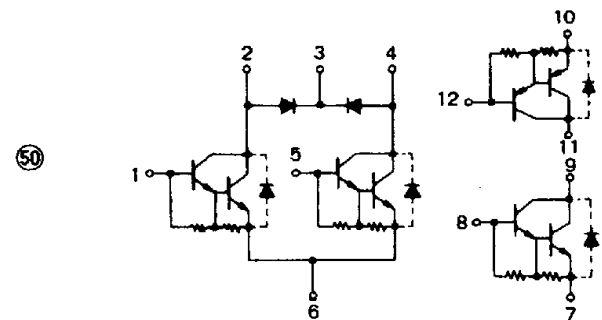
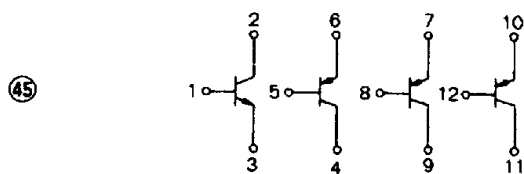
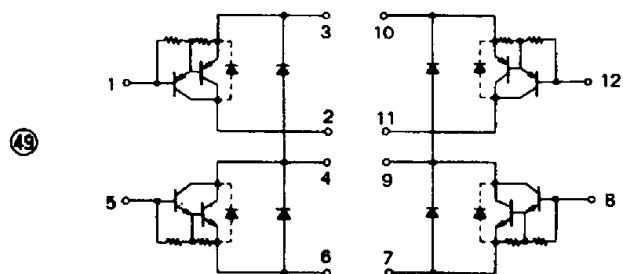
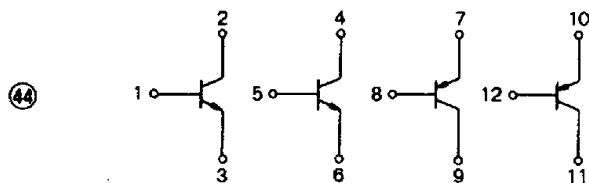
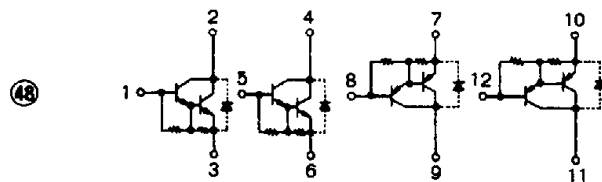
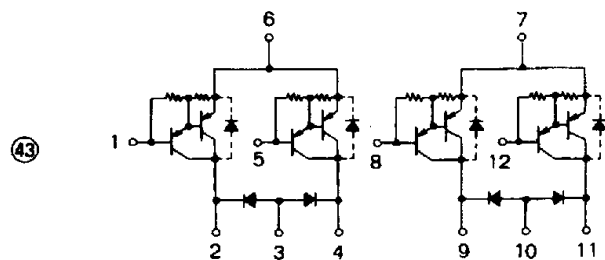


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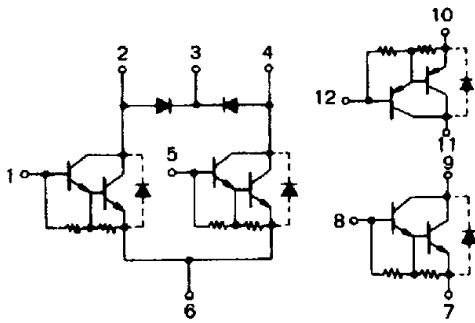
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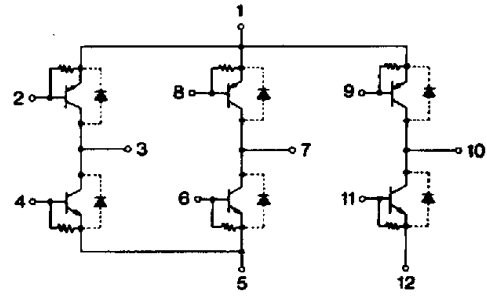


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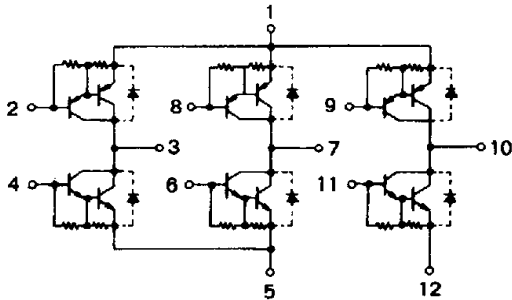
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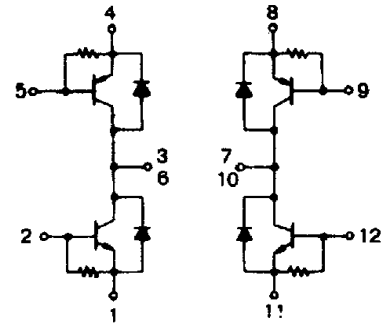
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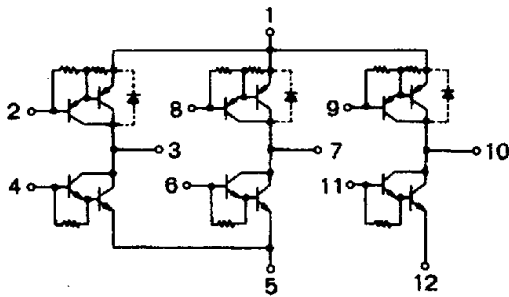
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