

# ТРАНЗИСТОРЫ БИПОЛЯРНЫЕ ИМПОРТНЫЕ

| Наименование   | Uкб,В | Iк,А  | Pк,Вт  | fгр,МГц | h21э,min | Корпус | Тип    |
|----------------|-------|-------|--------|---------|----------|--------|--------|
| 2N1112         |       |       |        |         |          |        |        |
| 2N1212         | 60    | 5,00  | 80,00  |         |          | TO-61  | NPN    |
| 2N1217         | 20    | 0,03  | 0,08   | 9,00    |          | TO-22  | NPN    |
| 2N1711         | 75    | 0,50  | 0,80   | 70,00   | 50       | TO-39  | NPN S1 |
| 2N2219A        |       |       |        |         |          |        |        |
| 2N2222(Metal)  | 60    | 0,80  | 0,40   | 250,00  | 50       | TO-18  | NPN    |
| 2N2222A        | 75    | 0,80  | 0,40   | 300,00  | 50       | TO-92  | NPN    |
| 2N2222Амет     |       |       |        |         |          |        |        |
| 2N2369         | 40    | 0,20  | 0,36   | 500,00  | 40       | TO-18  | NPN S1 |
| 2N2369A        | 40    | 0,20  | 0,36   | 500,00  | 40       | TO-18  | NPN S1 |
| 2N2646         |       |       |        |         |          |        |        |
| 2N2905A        | 60    | 0,60  | 0,60   | 200,00  | 100      | TO-139 | PNP S1 |
| 2N2905Апластик |       |       |        |         |          |        |        |
| 2N2907         | 40    | 0,60  | 0,40   | 200,00  | 100      | TO-18  | PNP S1 |
| 2N2907(Metal)  | 60    | 0,60  | 0,40   | 200,00  | 100      | TO-18  | PNP    |
| 2N3055         | 80    | 15,00 | 115,00 | 2,00    | 20       | TO-3   | NPN    |
| 2N3055         |       |       |        |         |          |        |        |
| 2N3440         | 250   | 1,00  | 1,00   | 70,00   | 40       | TO-39  | NPN S1 |
| 2N3773         | 160   | 16,00 | 150,00 | 4,00    | 15       | TO-3   | NPN    |
| 2N3773         | 160   | 16,00 | 150,00 | 4,00    | 15       | TO-3   | NPN    |
| 2N3903         | 60    | 0,20  | 0,63   | 250,00  | 50       | TO-92  | NPN    |
| 2N3904         | 60    | 0,20  | 0,36   | 250,00  | 100      | TO-92  | NPN    |
| 2N3906         | 40    | 0,20  | 0,35   | 200,00  | 100      | TO-92  | PNP    |
| 2N3906         | 40    | 0,20  | 0,35   | 200,00  | 100      | TO-92  | PNP    |
| 2N4091         |       |       |        |         |          |        |        |
| 2N4401         | 60    | 0,60  | 0,35   | 200,00  | 150      | TO-92  | NPN    |
| 2N4401         | 60    | 0,60  | 0,35   | 200,00  | 150      | TO-92  | NPN    |

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|--------------|-------|------|-------|---------|----------|----------|----------|
| 2N4401       | 60    | 0,60 | 0,35  | 200,00  | 150      | TO-92    | NPN      |
| 2N4403       | 40    | 0,60 | 0,63  | 0,00    | 100      | TO-92    | PNP      |
| 2N4870       |       |      |       |         |          |          |          |
| 2N4990       |       |      |       |         |          |          |          |
| 2N5401       | 160   | 0,60 | 0,35  | 100,00  | 40       | TO-92    | PNP      |
| 2N5460       |       |      |       |         |          |          |          |
| 2N5551       | 180   | 0,60 | 0,35  | 100,00  | 40       | TO-92    | NPN      |
| 2N5551       | 180   | 0,60 | 0,35  | 100,00  | 40       | TO-92    | NPN      |
| 2N5590       |       |      |       |         |          |          |          |
| 2N5641       |       |      |       |         |          |          |          |
| 2N5642       |       |      |       |         |          |          |          |
| 2N5643       |       |      |       |         |          |          |          |
| 2N6038       | 60    | 4,00 | 40,00 | 0,00    | 750      | TO-126   | NPN S1DA |
| 2N6039       | 80    | 4,00 | 40,00 | 0,00    | 750      | TO-126   | NPN S1DA |
| 2N6075A      |       |      |       |         |          |          |          |
| 2N6107       |       |      |       |         |          |          |          |
| 2N6203       |       |      |       |         |          |          |          |
| 2N6292       |       |      |       |         |          |          |          |
| 2N6517       | 350   | 0,50 | 0,62  | 40,00   | 20       | TO-92    | NPN S1   |
| 2N6520       | 350   | 0,50 | 0,63  |         |          | TO-92    | PNP      |
| 2N6718       |       |      |       |         |          |          |          |
| 2SA1011      | 160   | 1,50 | 25,00 | 120,00  | 60       | TO-220AB | PNP S1   |
| 2SA1012      | 60    | 5,00 | 25,00 | 60,00   |          |          |          |
| 2SA1012Y     |       |      |       |         |          |          |          |
| 2SA1013      |       |      |       |         |          |          |          |
| 2SA1013Y     | 160   | 1,00 | 0,90  | 15,00   | 160      | TO-92    | PNP      |
| 2SA1015      | 50    | 0,15 | 0,40  | 80,00   | 70       | TO-92    | PNP S1   |

Datasheet.Live













| Наименование  | Укбо,В | Ик,А  | Рк,Вт  | fрp,МГц | h21a,min | Корпус   | Тип        |
|---------------|--------|-------|--------|---------|----------|----------|------------|
| MJ15025       | 250    | 16,00 | 250,00 | 5,00    | 15       | TO-3     | PNP Si     |
| MJ2955        | 60     | 15,00 | 115,00 | 2,00    | 20       | TO-3     | PNP Si     |
| MJE13003      | 400    | 1,50  | 1,40   | 4,00    | 8        | TO-126   | NPN Si     |
| MJE13005      | 700    | 4,00  | 60,00  | 4,00    | 6        | TO-220AB | NPN Si     |
| MJE13007      | 700    | 8,00  | 80,00  | 4,00    | 5        | TO-220AB | NPN Si     |
| MJE13009      |        |       |        |         |          |          |            |
| MJE18004      |        |       |        |         |          |          |            |
| MJE270        | 100    | 2,00  | 15,00  | 6,00    | 1500     | TO-126   | Dar1-NPN   |
| MJE2955T      |        |       |        |         |          |          |            |
| MJE3055T      |        |       |        |         |          |          |            |
| MJE340        | 300    | 0,50  | 20,00  | 10,00   | 30       | TO-126   | NPN Si     |
| MJE350        | 300    | 0,50  | 20,00  | 4,00    | 30       | TO-126   | PNP Si     |
| MJH11022      | 250    | 15,00 | 150,00 | 3,00    | 400      | TO-218   | NPN Si/Dar |
| MJM16212      | 1500   | 10,00 | 150,00 |         | 4        | TO-247   | NPN Si     |
| MMBF4392      |        |       |        |         |          |          |            |
| MMBT3906LT1   | 40     | 0,20  | 0,22   | 250,00  | 60       | SOT-23   | PNP Si     |
| MMBT5551LT1   |        |       |        |         |          |          |            |
| MMBT442LT1    |        |       |        |         |          |          |            |
| MMBTH10LT1    |        |       |        |         |          |          |            |
| MN1016        |        |       |        |         |          |          |            |
| MN650         |        |       |        |         |          |          |            |
| MPSA13        |        |       |        |         |          |          |            |
| MPSA404A      |        |       |        |         |          |          |            |
| MPSA42        | 300    | 0,50  | 0,62   | 50,00   | 25       | TO-92    | NPN Si     |
| MPSA43        |        |       |        |         |          |          |            |
| MPSA44        |        |       |        |         |          |          |            |
| MPSA92(KSP92) | 300    | 0,50  | 0,62   | 50,00   | 25       | TO-92    | PNP Si     |
| MPSA93        |        |       |        |         |          |          |            |
| MPSH10        |        |       |        |         |          |          |            |
| MRF247        | 36     | 20,00 | 75,00  | 175,00  | 10       | SOT-119  | NPN Si     |
| MRF421        | 45     | 20,00 | 100,00 | 30,00   | 10       | SOT-123  | NPN Si     |
| MRF454        | 45     | 20,00 | 80,00  | 30,00   | 10       | SOT-123  | NPN Si     |
| MRF455        | 36     | 15,00 | 60,00  | 30,00   | 10       | SOT-123  | NPN Si     |
| MRF559        | 36     | 0,15  | 0,50   | 870,00  | 30       | MACRO-X  | NPN Si     |
| MRF644        | 36     | 4,00  | 25,00  | 470,00  | 40       | SOT-119  | NPN Si     |
| MRF650        | 38     | 12,00 | 50,00  | 512,00  | 20       | SOT-119  | NPN Si     |
| MRF654        | 36     | 4,00  | 15,00  | 470,00  | 20       | SOT-122D | NPN Si     |
| MRF904        | 25     | 0,30  | 0,37   | 4500,00 | 30       | MACRO-X  | NPN Si     |
| N4211         |        |       |        |         |          |          |            |
| ON4409        |        |       |        |         |          |          |            |
| ON4584        |        |       |        |         |          |          |            |
| ON4673        |        |       |        |         |          |          |            |
| ON4843        |        |       |        |         |          |          |            |
| PHE13007      |        |       |        |         |          |          |            |
| PN2222A       | 75     | 0,80  | 0,62   | 250,00  | 100      | TO-18    | NPN Si     |
| R1004         | 50     | 0,10  | 0,30   | 300,00  | 100      | TO-92    | NPN Si     |
| S2000A        | 1500   | 8,00  | 125,00 | 3,00    | 3        | TOP-3    | NPN Si     |
| S2000A3       | 1500   | 8,00  | 125,00 | 3,00    | 3        | TOP-3    | NPN Si     |
| S2000AF       | 1500   | 8,00  | 50,00  | 3,00    | 3        |          | NPN Si     |
| S2000AFI      |        |       |        |         |          |          |            |
| S2000N        | 1500   | 8,00  |        | 3,00    |          |          | NPN Si     |
| S2055AF       | 1500   | 8,00  | 50,00  | 3,00    | 3        | TO-3PF   | NPN Si     |
| S2055N        |        |       |        |         |          |          |            |
| S3786L        |        |       |        |         |          |          |            |
| S8050         |        |       |        |         |          |          |            |

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|----------------|--------|-------|--------|---------|----------|----------|-------------|
| S8550          |        |       |        |         |          |          |             |
| SBFR91A        |        |       |        |         |          |          |             |
| SF118B         |        |       |        |         |          |          |             |
| SS8050         |        |       |        |         |          |          |             |
| SS8050D        |        |       |        |         |          |          |             |
| SS8550         |        |       |        |         |          |          |             |
| SS8550D        |        |       |        |         |          |          |             |
| SS9011         |        |       |        |         |          |          |             |
| SS9012G        |        |       |        |         |          |          |             |
| SS9012H        |        |       |        |         |          |          |             |
| SS9013G        |        |       |        |         |          |          |             |
| SS9013H        |        |       |        |         |          |          |             |
| SS9014         |        |       |        |         |          |          |             |
| SS9014C        |        |       |        |         |          |          |             |
| SS9014D        |        |       |        |         |          |          |             |
| SS9015         |        |       |        |         |          |          |             |
| TIP102         | 100    | 8,00  | 80,00  | 4,00    | 1000     | TO-220AB | NPN Si/Dar  |
| TIP106         | 80     | 8,00  | 80,00  | 4,00    | 1000     | TO-220AB | NPN Si/Dar  |
| TIP107         | 100    | 8,00  | 80,00  | 4,00    | 1000     | TO-220AB | PNP Si/Dar  |
| TIP110         | 60     | 4,00  | 50,00  | 25,00   | 500      | TO-220   | NPN Si/Dar  |
| TIP117         | 100    | 2,00  | 50,00  | 25,00   | 500      | TO-220AB | PNP Si/Dar  |
| TIP120         | 60     | 5,00  | 65,00  | 4,00    | 1000     | TO-220AB | Dar1-NPN+Di |
| TIP121         | 80     | 5,00  | 65,00  | 4,00    | 1000     | TO-220AB | NPN Si/Dar  |
| TIP122         | 100    | 5,00  | 75,00  | 4,00    | 1000     | TO-220AB | NPN+Di      |
| TIP125         | 60     | 5,00  | 65,00  | 4,00    | 1000     | TO-220   | Dar1-PNP+Di |
| TIP126         |        |       |        |         |          |          |             |
| TIP127         | 100    | 5,00  | 75,00  | 4,00    | 1000     | TO-220AB | PNP+Di      |
| TIP132         |        |       |        |         |          |          |             |
| TIP140         | 60     | 10,00 | 125,00 | 4,00    | 500      | TO-218   | NPN Si/Dar  |
| TIP142         | 60     | 10,00 | 125,00 | 4,00    | 500      | TO-218   | NPN Si/Dar  |
| TIP142T        |        |       |        |         |          |          |             |
| TIP146         | 80     | 10,00 | 125,00 | 4,00    | 500      | TO-218   | PNP Si/Dar  |
| TIP147         | 100    | 10,00 | 125,00 | 4,00    | 500      | TO-218   | PNP Si/Dar  |
| TIP147T        |        |       |        |         |          |          |             |
| TIP151         | 350    | 7,00  | 80,00  | 10,00   | 150      | TO-220AB | NPN Si/Dar  |
| TIP29C         | 100    | 1,05  | 30,00  | 3,00    | 15       | TO-220AB | NPN Si      |
| TIP3055        | 100    | 15,00 | 90,00  |         |          |          | NPN Si      |
| TIP31(KT817A)  |        |       |        |         |          |          |             |
| TIP31A         | 60     | 3,00  | 40,00  | 3,00    | 20       | TO-220   | NPN Si      |
| TIP31C(KT817f) | 100    | 3,00  | 40,00  | 3,00    | 20       | TO-220   | NPN Si      |
| TIP32C(KT816f) | 100    | 3,00  | 40,00  | 3,00    | 25       | TO-220AB | PNP Si      |
| TIP33C         | 110    | 10,00 | 80,00  | 5,00    | 25       | TO-218   | NPN Si      |
| TIP34C         | 110    | 10,00 | 80,00  | 3,00    | 25       | TO-218   | PNP Si      |
| TIP35C         | 100    | 25,00 | 125,00 | 3,00    | 15       | TO-218   | NPN Si      |
| TIP36C         | 100    | 25,00 | 125,00 | 3,00    | 15       | TO-218   | PNP Si      |
| TIP41C         | 110    | 6,00  | 65,00  | 3,00    | 20       | TO-220   | NPN Si      |
| TIP42C         | 110    | 6,00  | 65,00  | 3,00    | 20       | TO-220   | PNP Si      |
| TIP47          | 250    | 1,00  | 40,00  | 10,00   | 30       | TO-220AB | NPN Si      |
| TIP50          |        |       |        |         |          |          |             |
| UN1114         | 50     | 0,10  | 0,40   |         | 80       |          | PNP Si      |
| UN2111SMD      | 50     | 0,10  | 0,20   |         | 35       | SOT-23   | PNP Si      |
| UN2114SMD      |        |       |        |         |          |          |             |
| UN2211SMD      | 50     | 0,10  | 0,20   |         | 35       | SOT-23   | NPN Si      |