## Мощные РЧ и СВЧ транзисторы (CW) на основе Si

| Parameter / Type | Frequency (MHz) | Psat (W) | Gain (dB) | PAE (%) | Operating Voltage (V) | Package |
|---|---|---|---|---|---|---|
| CD001 | 60 | 12.5* | 10* | 50* | 27 | G1 |
| WD0641 | 200 | 5* | 8* | 40* | 28 | DS66 |
| WD0242 | 350 | 6* (linearity) | 11.0* | 45* | 38 | DS66 |
| WD0331 | 350 | 28* (linearity) | 11* | 60* | 24 | QF81 |
| WD341K | 1000 | 1* (linearity) | 9.0* | - | 24 | DS66 |
| WD0341 | 1700 | 0.12* (linearity) | 10* | - | 12 | QY42A |
| WD0421 | 1650-1750 | 20* | 7* | 45* | 24 | QF81 |
| WD401 | 1700 | 10* | 7* | 40* | 24 | DS66 |
| WD381 | 2000 | 3.0* | 8* | 40* | 24 | DS66 |
| WD451 | 2300 | 0.5* (linearity) | 8* | - | 20 | DS66 |
| WD452 | 2300 | 1* (linearity) | 7* | - | 20 | DS66 |
| CD423 | 5000 | 1* | 7* | 30* | 18 | DS66 |

Notes: *: Typical Value.

## Мощные LDMOS транзисторы на основе Si

| Parameter / Type | Frequency (MHz) | Psat (W) | Gain (dB) | PAE (%) | Operating Voltage (V) | Pulse Width (μs) | Duty Cycle (%) | Package |
|---|---|---|---|---|---|---|---|---|
| CS0406-10 | 485~606 | 10* | 13.0* | 50* | 28 | 20000 | 35.7 | QF102A |
| CS0406-15 | 485~606 | 15* | 14.0* | 50* | 28 | 20000 | 35.7 | QF051C |
| CS0406-200 | 485~606 | 200* | 15.2* | 50* | 28 | 20000 | 35.7 | PG1021A |
| CS0406-350 | 485~606 | 350* | 17.0* | 52* | 36 | 20000 | 35.7 | PG1031A |
| CS0406-420 | 470~610 | 420* | 15.8* | 55* | 36 | 20000 | 35.7 | PG1031A |
| CS0406-350H | 410~450 | 500* | 17.0* | 55* | 36 | 650 | 22.0 | PG1031A |

Notes: *: Typical Value.

## Мощные импульсные СВЧ транзисторы на основе Si

| Parameter / Type | Frequency (GHz) | Psat (W) | Gain (dB) | PAE (%) | Operating Voltage (V) | Pulse Width (μs) | Duty Cycle (%) | Package |
|---|---|---|---|---|---|---|---|---|
| 3DA502 | 0.54~0.61 | 120* | 7* | 50* | 37 | 500 | 15 | QF1 |
| 3DA502E | 0.668 | 200* | 9.0* | 40* | 50 | 1 | 1 | QF1 |
| WD0571D | 0.668 | 500* | 9.3* | 30* | 50 | 1 | 1 | LS127A |

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## Мощные импульсные СВЧ транзисторы на основе Si

| Parameter / Type | Frequency (GHz) | Psat (W) | Gain (dB) | PAE (%) | Operating Voltage (V) | Pulse Width (μs) | Duty Cycle (%) | Package |
|---|---|---|---|---|---|---|---|---|
| WD0629F | 0.72~0.82 | 80* | 7.3* | 45* | 28 | 150 | 5 | QF81 |
| WD0630F | 0.72~0.82 | 300* | 9.6* | 45* | 50 | 150 | 5 | LS127L |
| WD0561 | 0.87~0.99 | 10* | 8* | 50* | 36 | 300 | 15 | QF81 |
| WD0562 | 0.87~0.99 | 40* | 8* | 50* | 36 | 300 | 15 | QF81 |
| WD0563 | 0.87~0.99 | 220* | 7.4* | 50* | 36 | 300 | 15 | LS127L |
| 3DA521 | 0.87~0.99 | 12* | 7.8* | 50* | 36 | 300 | 15 | QF81 |
| 3DA522 | 0.87~0.99 | 50* | 7* | 50* | 36 | 300 | 15 | QF81 |
| 3DA523 | 0.87~0.99 | 210* | 7.9* | 50* | 36 | 300 | 15 | LS127L |
| WD0564 | 0.87~0.99 | 15* | 8.75* | 50* | 28 | 300 | 15 | QF81 |
| WD0565 | 0.87-0.99 | 90* | 8.4* | 50* | 32 | 300 | 15 | QF81 |
| WD0563A | 0.87~0.99 | 185* | 7.2* | 57* | 32 | 300 | 15 | LS127L |
| WD0551 | 0.96~1.215 | 25* | 7* | 40* | 36 | 10 | 40 | QF81 |
| WD0481 | 0.96~1.215 | 30* | 9.5* | 40* | 36 | 10 | 10 | QF81 |
| 3DA516 | 0.96~1.215 | 30* | 7.8* | 45* | 35 | 63 | 10 | QF81 |
| 3DA517 | 0.96~1.215 | 50* | 7.5* | 45* | 35 | 63 | 10 | QF81 |
| 3DA518 | 0.96~1.215 | 85* | 7.5* | 45* | 35 | 63 | 10 | QF81 |
| 3DA519 | 0.96~1.215 | 150* | 7.5* | 45* | 35 | 63 | 10 | QF81 |
| 3DA520 | 0.96~1.215 | 300* | 7.0* | 38* | 50 | 63 | 10 | LS127A |
| 3DA524C | 0.96~1.215 | 15* | 8.1* | 45* | 28 | 10 | 10 | QF83 |
| 3DA518C | 0.96~1.215 | 90* | 8.4* | 38* | 50 | 10 | 10 | QF81 |
| 3DA520C | 1.09 | 400* | 8.0* | 45* | 50 | 32 | 2 | LS127A |
| WD0511 | 0.96~1.215 | 120* | 9.2* | 40* | 36 | 10 | 10 | QF81 |
| WD0521 | 0.96~1.215 | 150* | 7.8* | 38* | 50 | 10 | 10 | QF81 |
| WD0581 | 0.96~1.215 | 350* | 7* | 30* | 50 | 10 | 10 | LS127L |
| WD0622 | 0.96~1.225 | 85* | 7.5* | 38* | 30 | 10 | 40 | QF81 |
| WD0571 | 1.025~1.150 | 550* | 5.6* | 30* | 50 | 10 | 1 | LS127A |
| WD0491 | 1.2~1.3 | 3* | 7.7* | 45* | 28 | 100 | 10 | QF83 |
| WD0611 | 1.2~1.3 | 12* | 8* | 50* | 28 | 70 | 10 | LG05 |
| WD0612 | 1.2~1.3 | 60* | 8* | 50* | 28 | 70 | 10 | QF81 |
| WD0613 | 1.2~1.3 | 140* | 7.5* | 50* | 35 | 70 | 10 | LA127L |
| WD0531 | 1.2~1.3 | 120* | 7.5* | 50* | 35 | 40 | 10 | LS127L |
| WD0231 | 1.2~1.4 | 6* | 7* | 50* | 28 | 15000 | 50 | QF81 |
| WD0232 | 1.2~1.4 | 30* | 7* | 50* | 28 | 15000 | 50 | QF81 |
| WD0233 | 1.2~1.4 | 60* | 7* | 50* | 28 | 15000 | 50 | QF81 |
| WD0616 | 1.2~1.4 | 10* | 10* | 45* | 28 | 800 | 40 | QF81 |
| WD0617 | 1.2~1.4 | 50* | 7.0* | 48* | 28 | 800 | 40 | QF81 |
| WD0618 | 1.2~1.4 | 100* | 7.0* | 50* | 31 | 800 | 40 | LS127L |
| WD0620F | 1.2~1.4 | 40* | 9.1* | 50* | 36 | 60 | 20 | LG05 |
| WD0621F | 1.2~1.4 | 180* | 7.1* | 50* | 36 | 60 | 20 | LS127L |
| 3DA507 | 1.2~1.4 | 25* | 9.5* | 50* | 28 | 150 | 10 | LG05 |
| 3DA508 | 1.2~1.4 | 40* | 8.5* | 50* | 40 | 150 | 10 | LG05 |
| 3DA509 | 1.2~1.4 | 80* | 7.5* | 50* | 40 | 150 | 10 | QF81 |
| 3DA510 | 1.2~1.4 | 110* | 7.4* | 50* | 40 | 150 | 10 | QF81 |
| 3DA511 | 1.2~1.4 | 240* | 7.4* | 50* | 40 | 150 | 10 | LS127L |

## Мощные импульсные СВЧ транзисторы на основе Si

| | | | Gain | PAE (%) | | | | |
|---|---|---|---|---|---|---|---|---|
| 3DA532 | 1.2~1.4 | 150* | 8.0* | 38* | 36 | 6000 | 25 | LS127L |
| WD0616 | 1.2~1.4 | 10* | 10* | 45* | 28 | 800 | 40 | QF81 |
| WD0617 | 1.2~1.4 | 50* | 7* | 48* | 28 | 800 | 40 | QF81 |
| WD0618 | 1.2~1.4 | 100* | 7* | 50* | 31 | 800 | 40 | LS127L |
| WD0291 | 1.4~1.6 | 150* | 6.5* | 40* | 40 | 16 | 25 | LS127L |
| WD0401 | 1.46~1.66 | 16* | 8* | 45* | 40 | 150 | 10 | QF81 |
| WD0402 | 1.46~1.66 | 100* | 7* | 40* | 40 | 150 | 10 | LS127L |
| 3DA533 | 1.44~1.66 | 225* | 7.5* | 38* | 40 | 200 | 10 | LS127L |
| WD0101 | 2.5~3.0 | 6* | 7* | 30* | 30 | 1 | 5 | QF83 |
| WD481 | 2.5~2.75 | 20* | 7* | 30* | 30 | 10 | 5 | QF83 |
| | 2.75~3.0 | | | | | | | |
| WD0541 | 2.6~2.8 | 100* | 7.5* | 35* | 36 | 1 | 25 | LS127L |
| | 2.8~3.0 | 80* | 6.5* | | | | | |
| WD0381 | 2.6~2.8 | 50* | 7* | 35* | 35 | 0.5 | 30 | QF81 |
| WD0623 | 2.7~2.9 | 25* | 8.0* | 45* | 36 | 100 | 10 | SG12 |
| WD0624 | 2.7~2.9 | 125* | 8.0* | 40* | 36 | 100 | 10 | SG14 |
| WD0431 | 3.1~3.4 | 12* | 9.3* | 31* | 32 | 300 | 10 | SG02 |
| WD0432 | 3.1~3.4 | 45* | 7* | 36* | 32 | 300 | 10 | SG01 |
| WD0619 | 3.1~3.3 | 4.8* | 9.8* | 35* | 30 | 100 | 10 | SG02 |
| 3DA525 | 3.1~3.4 | 5.5* | 9.0* | 33* | 32 | 300 | 10 | SG02 |
| 3DA526 | 3.1~3.4 | 11* | 9.0* | 31* | 32 | 500 | 10 | SG02 |
| 3DA527 | 3.1~3.4 | 25* | 7.45* | 38* | 36 | 300 | 10 | SG02 |
| 3DA528 | 3.1~3.4 | 45* | 7.0* | 36* | 32 | 500 | 10 | SG01 |
| 3DA529 | 2.7~3.0 | 110* | 8.5* | 42* | 36 | 300 | 10 | SG14 |
| 3DA530 | 2.8~3.1 | 110* | 8.5* | 38* | 36 | 300 | 10 | SG14 |
| 3DA531 | 3.08~3.32 | 65* | 8.5* | 35* | 36 | 200 | 10 | SG01 |

Notes: *: Typical Value.