

SMALL SIGNAL FET Product Specifications (Cont'd)

| N & P-Channel Single JFETs |        |                |                    |      |                             |                             |                         |      |                                 |       |                              |  |            |              |                      |                     |
|----------------------------|--------|----------------|--------------------|------|-----------------------------|-----------------------------|-------------------------|------|---------------------------------|-------|------------------------------|--|------------|--------------|----------------------|---------------------|
| PART NUMBER                | N or P | PACKAGE (TO- ) | LEAKAGE (nA, MAX.) |      | THRESHOLD VOLTAGE (V, MAX.) | BREAKDOWN VOLTAGE (V, MAX.) | SATURATION CURRENT (mA) |      | TRANS-CONDUCTANCE (gfs (umhos)) |       | INPUT CAPACITANCE (pf, MAX.) | NOISE VOLTAGE (nV/√Hz, MAX.) or (nV, dB, MAX.) | RESISTANCE |              | GEOMETRY (Section 4) | DEVICE              |
|                            |        |                | Gate               | Chnl |                             |                             | Min.                    | Max. | Min.                            | Max.  |                              |  | Gate Ω     | Chnl Ω, Max. |                      |                     |
| P1087                      | P      | 92             | 2.0                | 10.0 | 5.0                         | 30                          | 5.0                     | -    | -                               | -     | 45                           | -  | -          | 150          | PS                   | SWITCHES & CHOPPERS |
| P1087-18                   | P      | 92             | 2.0                | 10.0 | 5.0                         | 30                          | 5.0                     | -    | -                               | -     | 45                           | -  | -          | 150          | PS                   |                     |
| SD210                      | N      | 72             | 100                | 100  | 2.0                         | 30                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-B               |                     |
| SD211                      | N      | 72             | 100                | 100  | 2.0                         | 30                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-A               |                     |
| SD212                      | N      | 72             | 100                | 100  | 2.0                         | 10                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-B               |                     |
| SD213                      | N      | 72             | 100                | 100  | 2.0                         | 10                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-A               |                     |
| SD214                      | N      | 72             | 100                | 100  | 2.0                         | 20                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-B               |                     |
| SD215                      | N      | 72             | 100                | 100  | 2.0                         | 20                          | 10                      | -    | -                               | -     | 3.5                          | -  | -          | 70           | DMCB-A               |                     |
| U200                       | N      | 18             | 1.0                | 1.0  | 3.0                         | 30                          | 3.0                     | 25   | -                               | -     | 30                           | -  | -          | 150          | NC                   |                     |
| U201                       | N      | 18             | 1.0                | 1.0  | 5.0                         | 30                          | 15                      | 75   | -                               | -     | 30                           | -  | -          | 75           | NC                   |                     |
| U202                       | N      | 18             | 1.0                | 1.0  | 10                          | 30                          | 30                      | 150  | -                               | -     | 30                           | -  | -          | 50           | NC                   |                     |
| U290                       | N      | 52             | 1.0                | 1.0  | 10                          | 30                          | 500                     | -    | -                               | -     | 60                           | -  | -          | 2.5          | NVA                  |                     |
| U291                       | N      | 52             | 1.0                | 1.0  | 4.5                         | 30                          | 200                     | -    | -                               | -     | 60                           | -  | -          | 7.0          | NVA                  |                     |
| U304                       | P      | 18             | 0.5                | 0.5  | 10                          | 30                          | 30                      | 90   | -                               | -     | 27                           | -  | -          | 85           | PS                   |                     |
| U305                       | P      | 18             | 0.5                | 0.5  | 6.0                         | 30                          | 15                      | 60   | -                               | -     | 27                           | -  | -          | 110          | PS                   |                     |
| U306                       | P      | 18             | 0.5                | 0.5  | 4.0                         | 30                          | 5.0                     | 25   | -                               | -     | 27                           | -  | -          | 175          | PS                   |                     |
| U1897                      | N      | 92             | 0.4                | 0.2  | 10                          | 40                          | 30                      | -    | -                               | -     | 16                           | -  | -          | 30           | NC                   |                     |
| U1897-18                   | N      | 92             | 0.4                | 0.2  | 10                          | 40                          | 30                      | -    | -                               | -     | 16                           | -  | -          | 30           | NC                   |                     |
| U1898                      | N      | 92             | 0.4                | 0.2  | 7.0                         | 40                          | 15                      | -    | -                               | -     | 16                           | -  | -          | 50           | NC                   |                     |
| U1898-18                   | N      | 92             | 0.4                | 0.2  | 7.0                         | 40                          | 15                      | -    | -                               | -     | 16                           | -  | -          | 50           | NC                   |                     |
| U1899                      | N      | 92             | 0.4                | 0.2  | 5.0                         | 40                          | 8.0                     | -    | -                               | -     | 16                           | -  | -          | 80           | NC                   |                     |
| U1899-18                   | N      | 92             | 0.4                | 0.2  | 5.0                         | 40                          | 8.0                     | -    | -                               | -     | 16                           | -  | -          | 80           | NC                   |                     |
| 2N2608                     | P      | 18             | 10                 | -    | 4.0                         | 30                          | 0.9                     | 4.5  | 1000                            | -     | 17                           | 3  | 1M         | -            | PC                   | GENERAL PURPOSE     |
| 2N2609                     | P      | 18             | 30                 | -    | 4.0                         | 30                          | 2.0                     | 10.0 | 2500                            | -     | 30                           | 3  | 1M         | -            | PD                   |                     |
| 2N2843                     | P      | 18             | 10                 | -    | 1.7                         | 30                          | 0.2                     | 1.0  | 540                             | -     | 17                           | 3  | 1M         | -            | PC                   |                     |
| 2N2844                     | P      | 18             | 30                 | -    | 1.7                         | 30                          | 0.44                    | 2.2  | 1400                            | -     | 30                           | 3  | 1M         | -            | PD                   |                     |
| 2N3329                     | P      | 72             | 10                 | -    | 5.0                         | 20                          | 1.0                     | 3.0  | 1000                            | 2000  | 20                           | 3  | 1M         | -            | PC                   |                     |
| 2N3330                     | P      | 72             | 10                 | -    | 6.0                         | 20                          | 2.0                     | 6.0  | 1500                            | 3000  | 20                           | 3  | 1M         | -            | PC                   |                     |
| 2N3331                     | P      | 72             | 10                 | -    | 8.0                         | 20                          | 5.0                     | 15   | 2000                            | 4000  | 20                           | 4  | 1M         | -            | PC                   |                     |
| 2N3332                     | P      | 72             | 10                 | -    | 6.0                         | 20                          | 1.0                     | 6.0  | 1000                            | 2200  | 20                           | 1  | 1M         | -            | PC                   |                     |
| 2N3368                     | N      | 18             | 5.0                | -    | 11.5                        | 40                          | 2.0                     | 12   | 1000                            | 4000  | 20                           | -  | -          | -            | NP                   |                     |
| 2N3369                     | N      | 18             | 5.0                | -    | 6.5                         | 40                          | 0.5                     | 2.5  | 600                             | 2500  | 20                           | -  | -          | -            | NP                   |                     |
| 2N3370                     | N      | 18             | 5.0                | -    | 3.2                         | 40                          | 0.1                     | 0.6  | 300                             | 2500  | 20                           | -  | -          | -            | NP                   |                     |
| 2N3382                     | P      | 72             | 15                 | -    | 5.0                         | 30                          | 3.0                     | 30   | 4500                            | 12500 | -                            | -  | -          | -            | PE                   |                     |
| 2N3384                     | P      | 72             | 15                 | -    | 5.0                         | 30                          | 15.0                    | 30   | 7500                            | 12500 | -                            | -  | -          | -            | PE                   |                     |
| 2N3386                     | P      | 72             | 15                 | -    | 9.5                         | 30                          | 15.0                    | 50   | 7500                            | 15000 | -                            | -  | -          | -            | PE                   |                     |