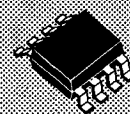


# MOSFETs

## SO-8



| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| P       | -30                          | 2.0                                  | -4.5                        | TD2001Y        |
| N       | 30                           | 7                                    | 2.0                         | TD1001Y        |

| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| N       | 60                           | 6                                    | 2.0                         | TD1004Y        |
| N/P     | 60                           | 5                                    | 2.5                         | TD3002Y        |

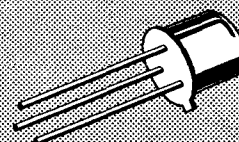
## SOT-23



| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| P       | -60                          | 10                                   | -3.5                        | VP0610T        |
| N       | 60                           | 8                                    | 2.5                         | 2N7002         |
| N       | 60                           | 5                                    | 3                           | VN0605T        |

| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| N       | 240                          | 45                                   | 2.5                         | 2N7001         |
| N       | 500                          | 300                                  | 4.5                         | VN50300T       |

## TO-205AD (TO-39)

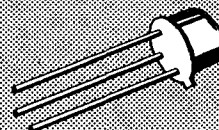


| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| P       | -100                         | 5                                    | -4.5                        | VP1008B        |
| P       | -80                          | 5                                    | -4.5                        | VP0808B        |
| P       | -30                          | 2.5                                  | -4.5                        | VP0300B        |
| N       | 35                           | 1.8                                  | 2.0                         | 2N6659         |

| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| N       | 50                           | 3                                    | 2.0                         | 2N6660 J       |
| N       | 90                           | 4                                    | 2.0                         | 2N6661 J       |

J = JAN , JANTX, JANTXV

## TO-206AC (TO-52)



| Channel | Min.<br>$V_{(BR)GSS}$<br>(V) | Max.<br>$r_{DS(ON)}$<br>( $\Omega$ ) | Max.<br>$V_{GS(th)}$<br>(V) | Part<br>Number |
|---------|------------------------------|--------------------------------------|-----------------------------|----------------|
| N       | 60                           | 5                                    | 2.5                         | VN10KE         |