



MOSFET Selections

| MPN | Package | Type | ESD (KV) | Appication | VDS (V) | Vgs (V) | Vgs(th) max (V) | Rds(on) mΩ(typ,max) @Vgs= | | | | | | | | Ciss (pF) | Crss (pF) | Td(on) (ns) | Td(off) (ns) |
|----------|-------------------|--------|----------|-------------|---------|---------|-----------------|---------------------------|-----|------|-----|------|----|------|----|-----------|-----------|-------------|--------------|
| | | | | | | | | 10V | | 4.5V | | 2.5V | | 1.8V | | | | | |
| ME6874 | TSOP6 | Dual N | N | BATTERY | 20 | 12 | 0.9 | | | 20 | 25 | 25 | 32 | | | 550 | 20 | 9.5 | 47 |
| ME80N75T | TO-220 | N | N | TOOLING | 75 | 25 | 4 | 8 | 10 | | | | | | | 6200 | 144 | 60 | 159 |
| ME80N08A | TO-220 | N | N | TOOLING | 80 | 20 | 4 | 3.9 | 5 | | | | | | | 12500 | 375 | 65 | 196 |
| ME8107 | SOP-8 | P | Y | BATTERY | -35 | 20 | -3 | 5.5 | 7.2 | 8 | 12 | | | | | 5330 | 242 | 77 | 213 |
| ME8117 | SOP-8 | P | N | BATTERY | -30 | 20 | -3 | 4 | 5.2 | 7 | 9.5 | | | | | 6150 | 327 | 75 | 280 |
| ME8117A | SOP-8 | P | N | BATTERY | -35 | 20 | -3 | 4.3 | 5.2 | 8 | 11 | | | | | 6362 | 694 | 74 | 270 |
| ME9926 | SOP-8 | Dual N | N | BATTERY | 20 | 12 | 0.9 | | | 22 | 29 | 28 | 42 | | | 550 | 40 | 14 | 43 |
| ME6970 | TSSOP8 | Dual N | N | BATTERY | 20 | 12 | 1 | 17 | 21 | 19 | 24 | 23 | 32 | 30 | 50 | 690 | 31.3 | 13.5 | 39.3 |
| ME6970D | TSSOP8 | Dual N | Y | BATTERY | 20 | 12 | 1 | | | 16 | 22 | 20 | 29 | | | 360 | 31 | 311 | 4130 |
| ME6972 | TSSOP8 | Dual N | N | BATTERY | 20 | 12 | 0.9 | | | 20 | 26 | 28 | 36 | | | 530 | 23 | 14 | 43 |
| ME6978ED | TSSOP8 | Dual N | Y | BATTERY | 30 | 12 | 1.5 | 15 | 20 | 17 | 22 | 25 | 33 | | | 981 | 33 | 49 | 335 |
| ME6980ED | TSSOP8 | Dual N | Y | BATTERY | 20 | 12 | 1.2 | | | 12 | 15 | 16 | 20 | | | 365 | 37 | 0.8 | 4.6 |
| ME6982ED | TSSOP8 | Dual N | Y | BATTERY | 20 | 12 | 1 | | | 15 | 19 | 18 | 24 | 29 | 39 | 1050 | 45.3 | 48.2 | 203 |
| ME6986ED | TSSOP8 | Dual N | Y | BATTERY | 20 | 12 | 1.5 | | | 11 | 14 | 14 | 18 | | | 794 | 144 | 28.5 | 89 |
| ME6987 | TSSOP8 | Dual P | N | BATTERY | -20 | 12 | -1 | | | 24 | 31 | 31 | 43 | 45 | 63 | 1107 | 136 | 61.5 | 113 |
| ME7906ED | DFN2*2 | Dual N | Y | BATTERY | 20 | 12 | 1.2 | | | 15 | 22 | 20 | 30 | | | 325 | 30 | 295 | 4560 |
| ME7900ED | DFN3*3 | Dual N | Y | BATTERY | 20 | 12 | 1.2 | | | 17 | 22 | 22 | 30 | | | 330 | 31 | 300 | 4570 |
| ME7908ED | DFN3*3 | Dual N | Y | BATTERY | 20 | 12 | 1 | | | 13 | 16 | 18 | 24 | | | 378 | 13.7 | 0.56 | 6.07 |
| ME7835 | DFN3.3*3.3 | P | N | BATTERY | -30 | 25 | -3 | 15 | 18 | 27 | 36 | | | | | 1180 | 73 | 39 | 78 |
| ME7835S | DFN(S) 3.3x3.3 | P | N | BATTERY | -30 | 25 | -3 | 15 | 18 | 27 | 36 | | | | | 1290 | 152 | 42 | 81 |
| ME7837S | DFN(S) 3.3x3.3 | P | Y | BATTERY | -30 | 25 | -3 | 16 | 20 | 31 | 40 | | | | | 1240 | 165 | 40 | 76 |
| ME7644 | PPAK5*6 | N | N | Power Tools | 30 | 20 | 2.2 | 0.8 | 1 | 1.5 | 2 | | | | | 11727 | 1457 | 79.6 | 141 |
| ME7644 | PPAK5*6 | N | N | Power Tools | 30 | 20 | 2.2 | 0.8 | 1 | 1.5 | 2 | | | | | 11727 | 1457 | 79.6 | 141 |
| ME7640 | PPAK5*6 | N | N | Power Tools | 40 | 20 | 2 | 1.1 | 1.4 | 1.6 | 2 | | | | | 9762 | 792 | 45.2 | 150 |