

LTspice Model Surge Protective Device SANKOSHA Corporation Y08U-90B

Model Information

| | | |
|-------------------|-----------------|--------------------------------|
| Model | A macro model | |
| Call Name | MDC_Y08U-90B_LT | |
| Pin Assign | 1:P 2:N | |
| File List | Model Library | MDC_Y08U-90B_LT01.lib |
| | Model Report | MDC_Y08U-90B_LT.pdf(this file) |

Verified Simulator Version LTspice version XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

| | |
|---------------|----------------------|
| ●Date/Version | Unknown |
| ●Product name | Y08U-90B |
| ●Company name | SANKOSHA Corporation |

[Characteristics listed]

| | |
|------------------|----------------------|
| ●Characteristics | DC Breakdown Voltage |
|------------------|----------------------|

Simulation Condition

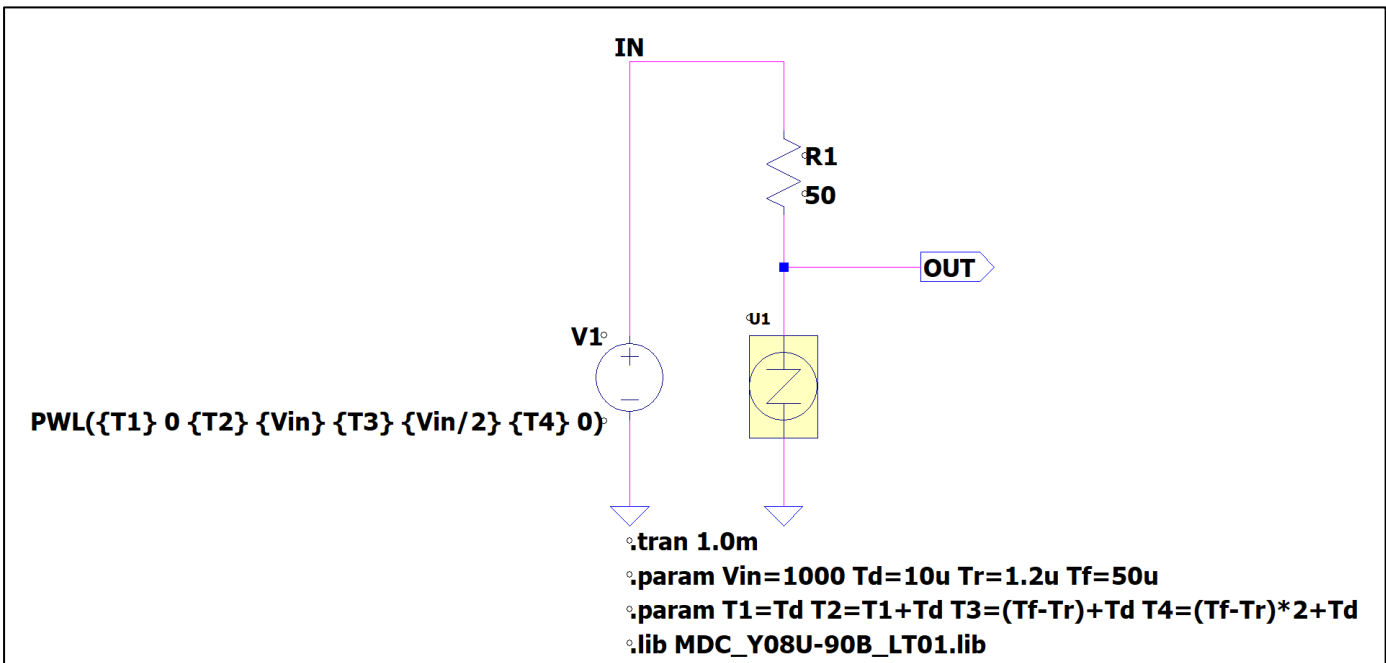
This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

| Item | Condition | Unit |
|-------------|-----------|-------|
| Temperature | 25 | deg C |

Model Functions Table

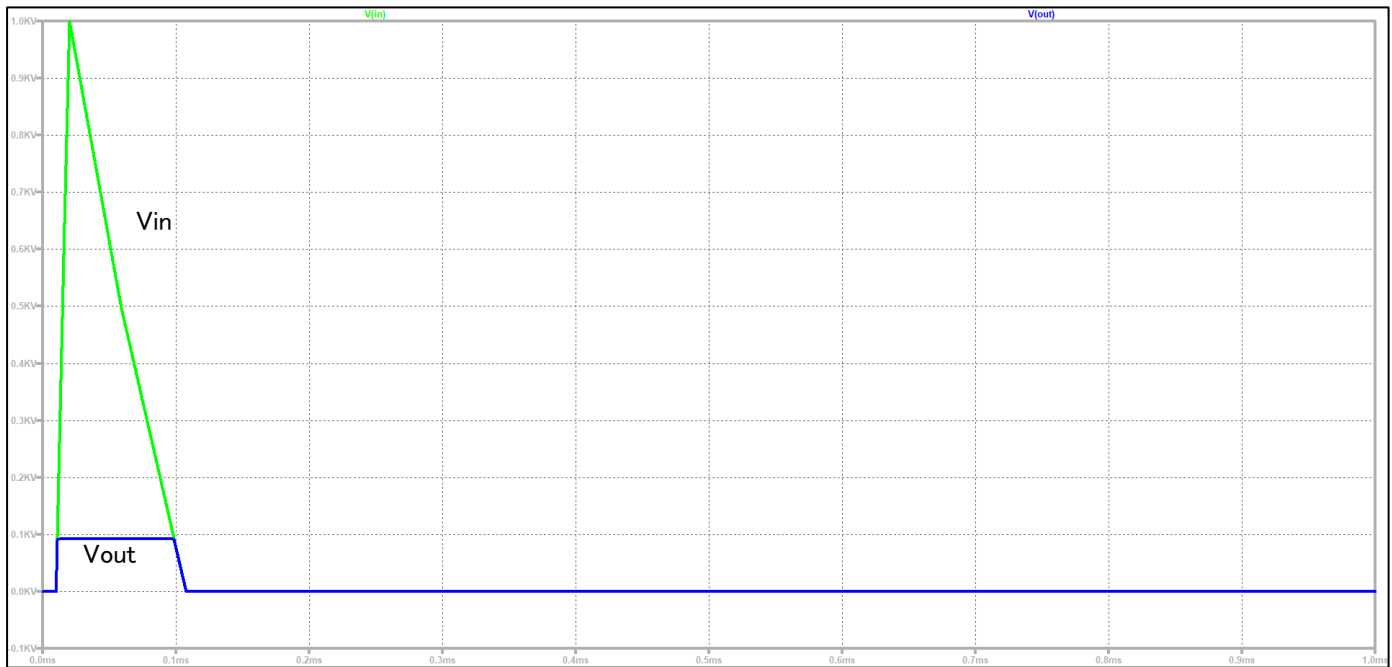
| Functions | Implemented |
|----------------------|-------------|
| DC Breakdown Voltage | ○ |

DC breakdown voltage Operation (Vin = 1kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench
Referred to Data Sheet



Simulation results are following.
Explanatory notes — : simulated

DC breakdown voltage Operation (Vin = 1kV, Rin = 50ohm, Combination wave = 1.2u/50u) Testbench



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