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| ***
| Texas Instruments Incorporated
| OCTAL BUFFER/DRIVER WITH 3-STATE OUTPUTS
|
| Marketing part#      Voltage Range      Package-type      #pins/pkg
drawing
| SN74ALVC244DGV      1.65V - 3.6V      TVSOP            20-pin DGV
| SN74ALVC244DW      1.65V - 3.6V      SOIC             20-pin DW
| SN74ALVC244NS      1.65V - 3.6V      SOP              20-pin NS
| SN74ALVC244PW      1.65V - 3.6V      TSSOP            20-pin PW
| SN74ALVC244RGY      1.65V - 3.6V      VQFN             20-pin RGY
|
| *****
| ***
|
| [IBIS Ver]          4.1
| [File Name]         sn74alvc244.ibs
| [File Rev]          1.2 | a_die
| [Date]              January 20, 2016
| [Source]            Data created from TI-SPICE simulations at TI-SLL.
|                     Texas Instruments Incorporated.
|                     Webench Design Center
|                     12500 TI Blvd
|                     Dallas, TX -75243
|                     For Support e-mail: elab_ibis@list.ti.com
|
| [Notes]             Revision History
|                     Rev 1.2: 01/20/2016
|                     Rev 1.1: 05/03/2002
|                     -As there is no power clamp diode in the Input Models,
|                       we removed the Pwr Clamp table data from those Models.
|                     -The pulldown curves are affected by output feedback
|                       circuitrty.
|
|
| *****
| *****
| [Disclaimer] This model is designed as an aid for customers of Texas
Instruments
TI and its licensors and suppliers make no warranties, either expressed
or implied, with respect to this model, including the warranties of
merchantability or fitness for a particular purpose.
The model is provided solely on an "as is" basis. The entire risk as to
its quality and performance is with the customer.
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| Component ALVC244_DGV 20-pin TVSOP
| *****
|
| [Component]      ALVC244_DGV
| [Manufacturer]   Texas Instruments, Inc.
| [Package]
|
|      typ      min      max
R_pkg  4.400e-02  3.800e-02  4.800e-02
L_pkg  2.561e-09  2.236e-09  2.961e-09
C_pkg  3.420e-13  2.640e-13  4.460e-13
|
| *****
|
| [Pin]    signal_name  model_name      R_pin      L_pin      C_pin
|
1          1NOE        ALVC244_IN      4.400e-02  2.935e-09
4.170e-13
2          1A1         ALVC244_IN      4.200e-02  2.869e-09
4.460e-13
3          2Y4         ALVC244_OUT     4.300e-02  2.399e-09
3.160e-13
4          1A2         ALVC244_IN      4.400e-02  2.236e-09
2.650e-13
5          2Y3         ALVC244_OUT     4.600e-02  2.278e-09
2.640e-13
6          1A3         ALVC244_IN      4.500e-02  2.274e-09
2.640e-13
7          2Y2         ALVC244_OUT     4.400e-02  2.285e-09
2.690e-13
8          1A4         ALVC244_IN      4.300e-02  2.452e-09
3.200e-13
9          2Y1         ALVC244_OUT     4.400e-02  2.900e-09
4.460e-13
10         GND         GND             4.400e-02  2.961e-09
4.180e-13
11         2A1         ALVC244_IN      4.500e-02  2.954e-09
4.180e-13
12         1Y4         ALVC244_OUT     4.200e-02  2.847e-09
4.430e-13
13         2A2         ALVC244_IN      4.500e-02  2.453e-09
3.190e-13
14         1Y3         ALVC244_OUT     4.500e-02  2.297e-09
2.690e-13
15         2A3         ALVC244_IN      4.800e-02  2.334e-09
2.680e-13
16         1Y2         ALVC244_OUT     4.800e-02  2.335e-09
2.670e-13
17         2A4         ALVC244_IN      4.600e-02  2.299e-09
2.680e-13

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18	1Y1	ALVC244_OUT	4.600e-02	2.457e-09
3.200e-13				
19	2NOE	ALVC244_IN	4.300e-02	2.848e-09
4.410e-13				
20	VCC	POWER	3.800e-02	2.812e-09
4.080e-13				

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| \*\*\*\*\*  
| \*\*\*\*\*  
| Component ALVC244\_DW 20-pin SOIC  
| \*\*\*\*\*  
| \*\*\*\*\*  
|  
[Component] ALVC244\_DW  
[Manufacturer] Texas Instruments, Inc.  
[Package]  
| typ min max  
R\_pkg 3.800e-02 3.300e-02 4.500e-02  
L\_pkg 5.012e-09 4.110e-09 6.349e-09  
C\_pkg 7.170e-13 5.300e-13 8.680e-13  
|  
| \*\*\*\*\*  
| \*\*\*\*\*  
|  
[Pin] signal\_name model\_name R\_pin L\_pin C\_pin  
|  
1 1NOE ALVC244\_IN 4.200e-02 6.336e-09  
8.650e-13  
2 1A1 ALVC244\_IN 4.300e-02 5.542e-09  
8.670e-13  
3 2Y4 ALVC244\_OUT 3.400e-02 4.714e-09  
7.320e-13  
4 1A2 ALVC244\_IN 3.400e-02 4.377e-09  
5.910e-13  
5 2Y3 ALVC244\_OUT 3.600e-02 4.130e-09  
5.330e-13  
6 1A3 ALVC244\_IN 3.500e-02 4.111e-09  
5.300e-13  
7 2Y2 ALVC244\_OUT 3.400e-02 4.284e-09  
5.830e-13  
8 1A4 ALVC244\_IN 3.400e-02 4.634e-09  
7.260e-13  
9 2Y1 ALVC244\_OUT 4.000e-02 5.518e-09  
8.650e-13  
10 GND GND 4.300e-02 6.349e-09  
8.660e-13  
11 2A1 ALVC244\_IN 4.100e-02 6.281e-09  
8.610e-13  
12 1Y4 ALVC244\_OUT 4.500e-02 5.561e-09  
8.680e-13  
13 2A2 ALVC244\_IN 3.300e-02 4.778e-09  
7.420e-13

14	1Y3	ALVC244_OUT	3.500e-02	4.414e-09
5.960e-13				
15	2A3	ALVC244_IN	3.500e-02	4.110e-09
5.330e-13				
16	1Y2	ALVC244_OUT	3.600e-02	4.130e-09
5.330e-13				
17	2A4	ALVC244_IN	3.400e-02	4.377e-09
5.910e-13				
18	1Y1	ALVC244_OUT	3.400e-02	4.714e-09
7.310e-13				
19	2NOE	ALVC244_IN	4.300e-02	5.569e-09
8.680e-13				
20	VCC	POWER	4.200e-02	6.308e-09
8.640e-13				

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Component ALVC244\_NS 20-pin SOP

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[Component] ALVC244\_NS

[Manufacturer] Texas Instruments, Inc.

[Package]

	typ	min	max
R_pkg	4.400e-02	2.900e-02	5.800e-02
L_pkg	3.666e-09	2.317e-09	5.115e-09
C_pkg	5.480e-13	3.160e-13	7.250e-13

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[Pin]	signal_name	model_name	R_pin	L_pin	C_pin
1	1NOE	ALVC244_IN	5.800e-02	5.115e-09	
7.250e-13					
2	1A1	ALVC244_IN	5.300e-02	4.591e-09	
7.240e-13					
3	2Y4	ALVC244_OUT	4.900e-02	3.754e-09	
5.720e-13					
4	1A2	ALVC244_IN	2.900e-02	2.549e-09	
3.880e-13					
5	2Y3	ALVC244_OUT	3.100e-02	2.317e-09	
3.160e-13					
6	1A3	ALVC244_IN	3.100e-02	2.317e-09	
3.160e-13					
7	2Y2	ALVC244_OUT	2.900e-02	2.556e-09	
3.990e-13					
8	1A4	ALVC244_IN	4.900e-02	3.754e-09	
5.790e-13					
9	2Y1	ALVC244_OUT	5.300e-02	4.591e-09	
7.240e-13					

10	GND	GND	5.800e-02	5.115e-09
7.250e-13				
11	2A1	ALVC244_IN	5.800e-02	5.115e-09
7.250e-13				
12	1Y4	ALVC244_OUT	5.300e-02	4.591e-09
7.240e-13				
13	2A2	ALVC244_IN	4.900e-02	3.754e-09
5.790e-13				
14	1Y3	ALVC244_OUT	2.900e-02	2.557e-09
3.990e-13				
15	2A3	ALVC244_IN	3.100e-02	2.317e-09
3.160e-13				
16	1Y2	ALVC244_OUT	3.100e-02	2.317e-09
3.160e-13				
17	2A4	ALVC244_IN	2.900e-02	2.557e-09
3.990e-13				
18	1Y1	ALVC244_OUT	4.900e-02	3.754e-09
5.790e-13				
19	2NOE	ALVC244_IN	5.300e-02	4.591e-09
7.240e-13				
20	VCC	POWER	5.800e-02	5.115e-09
7.250e-13				

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Component ALVC244\_PW 20-pin TSSOP

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	typ	min	max
R_pkg	5.000e-02	4.200e-02	6.000e-02
L_pkg	2.802e-09	2.248e-09	3.553e-09
C_pkg	3.170e-13	2.020e-13	4.430e-13

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[Pin]	signal_name	model_name	R_pin	L_pin	C_pin
1	1NOE	ALVC244_IN	5.500e-02	3.461e-09	
4.400e-13					
2	1A1	ALVC244_IN	5.500e-02	3.150e-09	
4.010e-13					
3	2Y4	ALVC244_OUT	4.200e-02	2.619e-09	
3.020e-13					
4	1A2	ALVC244_IN	4.500e-02	2.273e-09	
2.020e-13					
5	2Y3	ALVC244_OUT	4.500e-02	2.248e-09	
2.240e-13					

6	1A3	ALVC244_IN	4.500e-02	2.273e-09
2.260e-13				
7	2Y2	ALVC244_OUT	4.400e-02	2.323e-09
2.050e-13				
8	1A4	ALVC244_IN	4.600e-02	2.704e-09
3.070e-13				
9	2Y1	ALVC244_OUT	6.000e-02	3.265e-09
4.110e-13				
10	GND	GND	5.700e-02	3.506e-09
4.360e-13				
11	2A1	ALVC244_IN	5.800e-02	3.553e-09
4.370e-13				
12	1Y4	ALVC244_OUT	5.800e-02	3.193e-09
4.050e-13				
13	2A2	ALVC244_IN	4.200e-02	2.704e-09
3.110e-13				
14	1Y3	ALVC244_OUT	4.600e-02	2.392e-09
2.100e-13				
15	2A3	ALVC244_IN	4.700e-02	2.334e-09
2.290e-13				
16	1Y2	ALVC244_OUT	4.700e-02	2.300e-09
2.270e-13				
17	2A4	ALVC244_IN	4.700e-02	2.349e-09
2.070e-13				
18	1Y1	ALVC244_OUT	4.500e-02	2.677e-09
3.060e-13				
19	2NOE	ALVC244_IN	6.000e-02	3.235e-09
4.060e-13				
20	VCC	POWER	5.600e-02	3.487e-09
4.430e-13				

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| Component ALVC244\_RGY 20-pin VQFN

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|

[Component] ALVC244\_RGY  
[Manufacturer] Texas Instruments, Inc.  
[Package] | 20 pin VQFN RGY

	typ	min	max
R_pkg	0.0969	0.0458	0.1182
L_pkg	1.4154n	1.0027n	1.7315n
C_pkg	0.1386p	0.1196p	0.1592p

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|

[Pin]	signal_name	model_name	R_pin	L_pin	C_pin
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|

1	1NOE	ALVC244_IN	0.08734	1.24640n
0.11957p				
2	1A1	ALVC244_IN	0.11055	1.61673n
0.15067p				
3	2Y4	ALVC244_OUT	0.10196	1.47947n
0.14411p				
4	1A2	ALVC244_IN	0.09598	1.38443n
0.13711p				
5	2Y3	ALVC244_OUT	0.09315	1.34070n
0.12663p				
6	1A3	ALVC244_IN	0.09315	1.34060n
0.12663p				
7	2Y2	ALVC244_OUT	0.09598	1.38423n
0.13711p				
8	1A4	ALVC244_IN	0.10195	1.47927n
0.14411p				
9	2Y1	ALVC244_OUT	0.11053	1.61643n
0.15073p				
10	GND	GND	0.04579	1.00272n
0.15399p				
11	2A1	ALVC244_IN	0.09422	1.35070n
0.12629p				
12	1Y4	ALVC244_OUT	0.11819	1.73153n
0.15918p				
13	2A2	ALVC244_IN	0.10809	1.56887n
0.15102p				
14	1Y3	ALVC244_OUT	0.10013	1.44133n
0.14031p				
15	2A3	ALVC244_IN	0.09667	1.38720n
0.13009p				
16	1Y2	ALVC244_OUT	0.09336	1.33430n
0.12780p				
17	2A4	ALVC244_IN	0.09360	1.33692n
0.13418p				
18	1Y1	ALVC244_OUT	0.09727	1.39536n
0.13843p				
19	2NOE	ALVC244_IN	0.10794	1.56632n
0.14939p				
20	VCC	POWER	0.09131	1.30370n
0.12549p				

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|
| *****
| *****
| Model ALVC244_IN
| *****
| *****
|
| [Model Selector]      ALVC244_IN
|
| ALVC244_IN_18        1.8 volt Vcc
| ALVC244_IN_25        2.5 volt Vcc
| ALVC244_IN_33        3.3 volt Vcc

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|
| *****
| *****
| Model ALVC244_OUT
| *****
| *****
|
| [Model Selector]          ALVC244_OUT
|
| ALVC244_OUT_18           1.8 volt Vcc
| ALVC244_OUT_25           2.5 volt Vcc
| ALVC244_OUT_33           3.3 volt Vcc
|
| *****
| *****
|
| [Model]      ALVC244_IN_18
| Model_type   Input
| Vinl=0.5775
| Vinh=1.2675
|
| variable                                typ          min          max
| C_comp                                           4.26pF      3.62pF
| 5.38pF
| [Temperature Range]          40          100          -40
| Ambient temperature          25          85          -40
| [Voltage range]              1.8          1.65          1.95
|
| *****
| *****
| [GND Clamp]
| ALVC244_IN_18
|
| Voltage                                I(typ)          I(min)
| I(max)
|
| -1.8000e+00          -1.2978e-01 -1.3777e-01 -
| 1.1966e-01          -1.7200e+00          -1.1864e-01 -1.2668e-01 -
| 1.0846e-01          -1.6400e+00          -1.0754e-01 -1.1562e-01 -
| 9.7288e-02          -1.5650e+00          -9.7170e-02 -1.0529e-01 -
| 8.6849e-02          -1.4900e+00          -8.6845e-02 -9.5007e-02 -
| 7.6452e-02          -1.4550e+00          -8.2045e-02 -9.0226e-02 -
| 7.1619e-02          -1.4200e+00          -7.7259e-02 -8.5458e-02 -
| 6.6798e-02          -1.3900e+00          -7.3168e-02 -8.1383e-02 -
| 6.2678e-02

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5.8571e-02	-1.3600e+00	-6.9089e-02	-7.7319e-02	-
5.4478e-02	-1.3300e+00	-6.5023e-02	-7.3268e-02	-
5.1080e-02	-1.3050e+00	-6.1647e-02	-6.9903e-02	-
4.7018e-02	-1.2750e+00	-5.7610e-02	-6.5878e-02	-
4.3650e-02	-1.2500e+00	-5.4261e-02	-6.2537e-02	-
4.0299e-02	-1.2250e+00	-5.0926e-02	-5.9210e-02	-
3.7632e-02	-1.2050e+00	-4.8270e-02	-5.6557e-02	-
3.4318e-02	-1.1800e+00	-4.4965e-02	-5.3256e-02	-
3.1686e-02	-1.1600e+00	-4.2336e-02	-5.0628e-02	-
2.9073e-02	-1.1400e+00	-3.9722e-02	-4.8011e-02	-
2.7127e-02	-1.1250e+00	-3.7771e-02	-4.6057e-02	-
2.4555e-02	-1.1050e+00	-3.5186e-02	-4.3464e-02	-
2.2645e-02	-1.0900e+00	-3.3260e-02	-4.1529e-02	-
2.0755e-02	-1.0750e+00	-3.1346e-02	-3.9604e-02	-
1.8886e-02	-1.0600e+00	-2.9445e-02	-3.7690e-02	-
1.7042e-02	-1.0450e+00	-2.7560e-02	-3.5786e-02	-
1.5229e-02	-1.0300e+00	-2.5691e-02	-3.3894e-02	-
1.3451e-02	-1.0150e+00	-2.3840e-02	-3.2016e-02	-
1.2289e-02	-1.0050e+00	-2.2618e-02	-3.0772e-02	-
1.0587e-02	-9.9000e-01	-2.0804e-02	-2.8918e-02	-
9.4849e-03	-9.8000e-01	-1.9609e-02	-2.7692e-02	-
8.4132e-03	-9.7000e-01	-1.8426e-02	-2.6474e-02	-
7.8902e-03	-9.6500e-01	-1.7839e-02	-2.5868e-02	-
6.8735e-03	-9.5500e-01	-1.6678e-02	-2.4663e-02	-
6.3814e-03	-9.5000e-01	-1.6103e-02	-2.4064e-02	-
5.9013e-03	-9.4500e-01	-1.5532e-02	-2.3468e-02	-

5.4342e-03	-9.4000e-01	-1.4965e-02	-2.2874e-02	-
4.9811e-03	-9.3500e-01	-1.4403e-02	-2.2283e-02	-
4.5432e-03	-9.3000e-01	-1.3846e-02	-2.1695e-02	-
4.1216e-03	-9.2500e-01	-1.3294e-02	-2.1109e-02	-
3.7177e-03	-9.2000e-01	-1.2747e-02	-2.0527e-02	-
3.3327e-03	-9.1500e-01	-1.2206e-02	-1.9948e-02	-
2.9678e-03	-9.1000e-01	-1.1671e-02	-1.9372e-02	-
2.6244e-03	-9.0500e-01	-1.1142e-02	-1.8800e-02	-
2.3036e-03	-9.0000e-01	-1.0620e-02	-1.8231e-02	-
2.0065e-03	-8.9500e-01	-1.0105e-02	-1.7666e-02	-
1.7338e-03	-8.9000e-01	-9.5974e-03	-1.7105e-02	-
1.4859e-03	-8.8500e-01	-9.0978e-03	-1.6548e-02	-
1.2632e-03	-8.8000e-01	-8.6065e-03	-1.5995e-02	-
1.0651e-03	-8.7500e-01	-8.1241e-03	-1.5446e-02	-
8.9107e-04	-8.7000e-01	-7.6512e-03	-1.4902e-02	-
7.3992e-04	-8.6500e-01	-7.1882e-03	-1.4363e-02	-
6.1012e-04	-8.6000e-01	-6.7359e-03	-1.3830e-02	-
4.9988e-04	-8.5500e-01	-6.2948e-03	-1.3301e-02	-
4.0722e-04	-8.5000e-01	-5.8655e-03	-1.2778e-02	-
3.3005e-04	-8.4500e-01	-5.4488e-03	-1.2261e-02	-
2.6633e-04	-8.4000e-01	-5.0454e-03	-1.1750e-02	-
2.1410e-04	-8.3500e-01	-4.6560e-03	-1.1246e-02	-
1.7157e-04	-8.3000e-01	-4.2812e-03	-1.0748e-02	-
1.3713e-04	-8.2500e-01	-3.9219e-03	-1.0257e-02	-
1.0936e-04	-8.2000e-01	-3.5787e-03	-9.7741e-03	-
8.7058e-05	-8.1500e-01	-3.2522e-03	-9.2988e-03	-

6.9204e-05	-8.1000e-01	-2.9430e-03	-8.8318e-03	-
5.4946e-05	-8.0500e-01	-2.6517e-03	-8.3733e-03	-
4.3585e-05	-8.0000e-01	-2.3786e-03	-7.9240e-03	-
3.4546e-05	-7.9500e-01	-2.1240e-03	-7.4842e-03	-
2.7365e-05	-7.9000e-01	-1.8881e-03	-7.0543e-03	-
2.1667e-05	-7.8500e-01	-1.6708e-03	-6.6349e-03	-
1.7148e-05	-7.8000e-01	-1.4719e-03	-6.2265e-03	-
1.3568e-05	-7.7500e-01	-1.2909e-03	-5.8296e-03	-
1.0732e-05	-7.7000e-01	-1.1275e-03	-5.4446e-03	-
8.4878e-06	-7.6500e-01	-9.8070e-04	-5.0721e-03	-
6.7116e-06	-7.6000e-01	-8.4975e-04	-4.7125e-03	-
5.3065e-06	-7.5500e-01	-7.3363e-04	-4.3664e-03	-
4.1952e-06	-7.5000e-01	-6.3126e-04	-4.0342e-03	-
3.3163e-06	-7.4500e-01	-5.4150e-04	-3.7164e-03	-
2.6214e-06	-7.4000e-01	-4.6321e-04	-3.4133e-03	-
2.0720e-06	-7.3500e-01	-3.9525e-04	-3.1253e-03	-
1.6377e-06	-7.3000e-01	-3.3650e-04	-2.8526e-03	-
1.2944e-06	-7.2500e-01	-2.8591e-04	-2.5955e-03	-
1.0230e-06	-7.2000e-01	-2.4251e-04	-2.3540e-03	-
8.0855e-07	-7.1500e-01	-2.0538e-04	-2.1281e-03	-
6.3902e-07	-7.1000e-01	-1.7370e-04	-1.9178e-03	-
5.0503e-07	-7.0500e-01	-1.4674e-04	-1.7229e-03	-
3.9913e-07	-7.0000e-01	-1.2384e-04	-1.5430e-03	-
3.1543e-07	-6.9500e-01	-1.0443e-04	-1.3778e-03	-
2.4929e-07	-6.9000e-01	-8.7993e-05	-1.2267e-03	-
1.9701e-07	-6.8500e-01	-7.4099e-05	-1.0891e-03	-

1.2305e-07	-6.7500e-01	-5.2468e-05	-8.5194e-04	-
9.7244e-08	-6.7000e-01	-4.4124e-05	-7.5080e-04	-
6.0736e-08	-6.6000e-01	-3.1177e-05	-5.7944e-04	-
4.8000e-08	-6.5500e-01	-2.6197e-05	-5.0760e-04	-
2.9980e-08	-6.4500e-01	-1.8487e-05	-3.8765e-04	-
1.8726e-08	-6.3500e-01	-1.3039e-05	-2.9443e-04	-
1.1697e-08	-6.2500e-01	-9.1924e-06	-2.2265e-04	-
7.3074e-09	-6.1500e-01	-6.4789e-06	-1.6779e-04	-
4.5658e-09	-6.0500e-01	-4.5656e-06	-1.2610e-04	-
1.4110e-09	-5.8000e-01	-1.9022e-06	-6.1256e-05	-
2.7570e-10	-5.4500e-01	-5.5804e-07	-2.2058e-05	-
3.0575e-11	-4.9500e-01	-9.6758e-08	-5.0862e-06	-
4.7754e-12	-4.0000e-01	-3.4695e-09	-3.1141e-07	-
4.2529e-12	1.8000e+00	4.8484e-12	8.0641e-12	

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[Model] ALVC244\_IN\_25  
 Model\_type Input  
 Vinl=0.7  
 Vinh=1.7

variable	typ	min	max
C_comp	4.23pF	3.56pF	
5.32pF			
[Temperature Range]	40	100	-40
Ambient temperature	25	85	-40
[Voltage range]	2.5	2.3	2.7

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[GND Clamp]  
 ALVC244\_IN\_25

	Voltage	I(typ)	I(min)
I(max)			

2.1849e-01	-2.5000e+00	-2.2813e-01	-2.3581e-01	-
1.9723e-01	-2.3500e+00	-2.0696e-01	-2.1470e-01	-
1.7672e-01	-2.2050e+00	-1.8653e-01	-1.9433e-01	-
1.5765e-01	-2.0700e+00	-1.6756e-01	-1.7542e-01	-
1.3933e-01	-1.9400e+00	-1.4934e-01	-1.5726e-01	-
1.3090e-01	-1.8800e+00	-1.4094e-01	-1.4890e-01	-
1.2247e-01	-1.8200e+00	-1.3257e-01	-1.4055e-01	-
1.1476e-01	-1.7650e+00	-1.2490e-01	-1.3291e-01	-
1.0706e-01	-1.7100e+00	-1.1725e-01	-1.2529e-01	-
9.9380e-02	-1.6550e+00	-1.0962e-01	-1.1769e-01	-
9.2411e-02	-1.6050e+00	-1.0270e-01	-1.1079e-01	-
8.6154e-02	-1.5600e+00	-9.6480e-02	-1.0460e-01	-
7.9912e-02	-1.5150e+00	-9.0281e-02	-9.8429e-02	-
7.4379e-02	-1.4750e+00	-8.4787e-02	-9.2957e-02	-
6.8862e-02	-1.4350e+00	-7.9308e-02	-8.7500e-02	-
6.3364e-02	-1.3950e+00	-7.3849e-02	-8.2061e-02	-
5.8571e-02	-1.3600e+00	-6.9089e-02	-7.7319e-02	-
5.3797e-02	-1.3250e+00	-6.4347e-02	-7.2594e-02	-
4.9046e-02	-1.2900e+00	-5.9626e-02	-6.7888e-02	-
4.4996e-02	-1.2600e+00	-5.5599e-02	-6.3872e-02	-
4.0968e-02	-1.2300e+00	-5.1592e-02	-5.9874e-02	-
3.6967e-02	-1.2000e+00	-4.7607e-02	-5.5896e-02	-
3.3659e-02	-1.1750e+00	-4.4307e-02	-5.2598e-02	-
3.0377e-02	-1.1500e+00	-4.1027e-02	-4.9318e-02	-
2.7774e-02	-1.1300e+00	-3.8420e-02	-4.6707e-02	-
2.5196e-02	-1.1100e+00	-3.5830e-02	-4.4111e-02	-

2.2645e-02	-1.0900e+00	-3.3260e-02	-4.1529e-02	-
2.0129e-02	-1.0700e+00	-3.0711e-02	-3.8965e-02	-
1.7654e-02	-1.0500e+00	-2.8186e-02	-3.6419e-02	-
1.5830e-02	-1.0350e+00	-2.6312e-02	-3.4523e-02	-
1.4039e-02	-1.0200e+00	-2.4455e-02	-3.2640e-02	-
1.2289e-02	-1.0050e+00	-2.2618e-02	-3.0772e-02	-
1.1148e-02	-9.9500e-01	-2.1406e-02	-2.9534e-02	-
1.0033e-02	-9.8500e-01	-2.0205e-02	-2.8304e-02	-
8.9450e-03	-9.7500e-01	-1.9016e-02	-2.7082e-02	-
7.8902e-03	-9.6500e-01	-1.7839e-02	-2.5868e-02	-
6.8735e-03	-9.5500e-01	-1.6678e-02	-2.4663e-02	-
5.9013e-03	-9.4500e-01	-1.5532e-02	-2.3468e-02	-
4.9811e-03	-9.3500e-01	-1.4403e-02	-2.2283e-02	-
4.5432e-03	-9.3000e-01	-1.3846e-02	-2.1695e-02	-
4.1216e-03	-9.2500e-01	-1.3294e-02	-2.1109e-02	-
3.7177e-03	-9.2000e-01	-1.2747e-02	-2.0527e-02	-
3.3327e-03	-9.1500e-01	-1.2206e-02	-1.9948e-02	-
2.9678e-03	-9.1000e-01	-1.1671e-02	-1.9372e-02	-
2.6244e-03	-9.0500e-01	-1.1142e-02	-1.8800e-02	-
2.3036e-03	-9.0000e-01	-1.0620e-02	-1.8231e-02	-
2.0065e-03	-8.9500e-01	-1.0105e-02	-1.7666e-02	-
1.7338e-03	-8.9000e-01	-9.5974e-03	-1.7105e-02	-
1.4859e-03	-8.8500e-01	-9.0978e-03	-1.6548e-02	-
1.2632e-03	-8.8000e-01	-8.6065e-03	-1.5995e-02	-
1.0651e-03	-8.7500e-01	-8.1241e-03	-1.5446e-02	-
8.9107e-04	-8.7000e-01	-7.6512e-03	-1.4902e-02	-

7.3992e-04	-8.6500e-01	-7.1882e-03	-1.4363e-02	-
6.1012e-04	-8.6000e-01	-6.7359e-03	-1.3830e-02	-
4.9988e-04	-8.5500e-01	-6.2948e-03	-1.3301e-02	-
4.0722e-04	-8.5000e-01	-5.8655e-03	-1.2778e-02	-
2.6633e-04	-8.4000e-01	-5.0454e-03	-1.1750e-02	-
2.1410e-04	-8.3500e-01	-4.6560e-03	-1.1246e-02	-
1.7157e-04	-8.3000e-01	-4.2812e-03	-1.0748e-02	-
1.3713e-04	-8.2500e-01	-3.9219e-03	-1.0257e-02	-
1.0936e-04	-8.2000e-01	-3.5787e-03	-9.7741e-03	-
8.7058e-05	-8.1500e-01	-3.2522e-03	-9.2988e-03	-
6.9204e-05	-8.1000e-01	-2.9430e-03	-8.8318e-03	-
5.4946e-05	-8.0500e-01	-2.6517e-03	-8.3733e-03	-
4.3585e-05	-8.0000e-01	-2.3786e-03	-7.9240e-03	-
3.4546e-05	-7.9500e-01	-2.1240e-03	-7.4842e-03	-
2.7365e-05	-7.9000e-01	-1.8881e-03	-7.0543e-03	-
2.1667e-05	-7.8500e-01	-1.6708e-03	-6.6349e-03	-
1.7148e-05	-7.8000e-01	-1.4719e-03	-6.2265e-03	-
1.3568e-05	-7.7500e-01	-1.2909e-03	-5.8296e-03	-
1.0732e-05	-7.7000e-01	-1.1275e-03	-5.4446e-03	-
8.4878e-06	-7.6500e-01	-9.8070e-04	-5.0721e-03	-
6.7116e-06	-7.6000e-01	-8.4975e-04	-4.7125e-03	-
4.1952e-06	-7.5000e-01	-6.3126e-04	-4.0342e-03	-
3.3163e-06	-7.4500e-01	-5.4150e-04	-3.7164e-03	-
2.6214e-06	-7.4000e-01	-4.6321e-04	-3.4133e-03	-
2.0720e-06	-7.3500e-01	-3.9525e-04	-3.1253e-03	-
1.6377e-06	-7.3000e-01	-3.3650e-04	-2.8526e-03	-

1.2944e-06	-7.2500e-01	-2.8591e-04	-2.5955e-03	-
1.0230e-06	-7.2000e-01	-2.4251e-04	-2.3540e-03	-
8.0855e-07	-7.1500e-01	-2.0538e-04	-2.1281e-03	-
6.3902e-07	-7.1000e-01	-1.7370e-04	-1.9178e-03	-
5.0503e-07	-7.0500e-01	-1.4674e-04	-1.7229e-03	-
3.9913e-07	-7.0000e-01	-1.2384e-04	-1.5430e-03	-
3.1543e-07	-6.9500e-01	-1.0443e-04	-1.3778e-03	-
2.4929e-07	-6.9000e-01	-8.7993e-05	-1.2267e-03	-
1.9701e-07	-6.8500e-01	-7.4099e-05	-1.0891e-03	-
1.2305e-07	-6.7500e-01	-5.2468e-05	-8.5194e-04	-
7.6853e-08	-6.6500e-01	-3.7095e-05	-6.6024e-04	-
4.8001e-08	-6.5500e-01	-2.6197e-05	-5.0760e-04	-
2.9982e-08	-6.4500e-01	-1.8487e-05	-3.8765e-04	-
1.8728e-08	-6.3500e-01	-1.3039e-05	-2.9443e-04	-
1.1699e-08	-6.2500e-01	-9.1924e-06	-2.2265e-04	-
7.3089e-09	-6.1500e-01	-6.4789e-06	-1.6779e-04	-
3.6108e-09	-6.0000e-01	-3.8324e-06	-1.0923e-04	-
1.7855e-09	-5.8500e-01	-2.2663e-06	-7.0822e-05	-
3.4902e-10	-5.5000e-01	-6.6491e-07	-2.5534e-05	-
3.8902e-11	-5.0000e-01	-1.1529e-07	-5.8910e-06	-
6.1755e-12	-3.9500e-01	-2.9139e-09	-2.6883e-07	-
6.2773e-12	2.5000e+00	6.9240e-12	1.0232e-11	

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|  
[Model] ALVC244\_IN\_33  
Model\_type Input  
Vinl=0.8  
Vinh=2.0



variable	typ	min	max
C_comp	4.21pF	3.36pF	
5.32pF			
[Temperature Range]	40	100	-40
Ambient temperature	25	85	-40
[Voltage range]	3.3	3	3.6

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[GND Clamp]

ALVC244\_IN\_33

	Voltage	I(typ)	I(min)
I(max)			
	-3.3000e+00	-3.4152e-01	-3.4894e-01 -
3.3226e-01	-3.0800e+00	-3.1028e-01	-3.1776e-01 -
3.0092e-01	-2.8650e+00	-2.7978e-01	-2.8733e-01 -
2.7033e-01	-2.6650e+00	-2.5146e-01	-2.5908e-01 -
2.4191e-01	-2.4900e+00	-2.2672e-01	-2.3440e-01 -
2.1707e-01	-2.3200e+00	-2.0273e-01	-2.1048e-01 -
1.9299e-01	-2.2450e+00	-1.9216e-01	-1.9995e-01 -
1.8237e-01	-2.1600e+00	-1.8020e-01	-1.8802e-01 -
1.7036e-01	-2.0850e+00	-1.6966e-01	-1.7752e-01 -
1.5977e-01	-2.0100e+00	-1.5914e-01	-1.6703e-01 -
1.4919e-01	-1.9450e+00	-1.5004e-01	-1.5796e-01 -
1.4004e-01	-1.8800e+00	-1.4094e-01	-1.4890e-01 -
1.3090e-01	-1.8150e+00	-1.3187e-01	-1.3985e-01 -
1.2177e-01	-1.7500e+00	-1.2281e-01	-1.3083e-01 -
1.1266e-01	-1.6900e+00	-1.1447e-01	-1.2253e-01 -
1.0427e-01	-1.6300e+00	-1.0615e-01	-1.1424e-01 -
9.5894e-02	-1.5700e+00	-9.7860e-02	-1.0598e-01 -
8.7543e-02	-1.5150e+00	-9.0281e-02	-9.8429e-02 -
7.9912e-02			

7.2998e-02	-1.4650e+00	-8.3416e-02	-9.1591e-02	-
6.6111e-02	-1.4150e+00	-7.6576e-02	-8.4778e-02	-
5.9939e-02	-1.3700e+00	-7.0447e-02	-7.8672e-02	-
5.3797e-02	-1.3250e+00	-6.4347e-02	-7.2594e-02	-
4.8370e-02	-1.2850e+00	-5.8954e-02	-6.7218e-02	-
4.3650e-02	-1.2500e+00	-5.4261e-02	-6.2537e-02	-
3.8964e-02	-1.2150e+00	-4.9596e-02	-5.7882e-02	-
3.4979e-02	-1.1850e+00	-4.5625e-02	-5.3915e-02	-
3.1031e-02	-1.1550e+00	-4.1681e-02	-4.9972e-02	-
2.7127e-02	-1.1250e+00	-3.7771e-02	-4.6057e-02	-
2.4555e-02	-1.1050e+00	-3.5186e-02	-4.3464e-02	-
2.2013e-02	-1.0850e+00	-3.2620e-02	-4.0887e-02	-
1.9506e-02	-1.0650e+00	-3.0077e-02	-3.8327e-02	-
1.7654e-02	-1.0500e+00	-2.8186e-02	-3.6419e-02	-
1.5830e-02	-1.0350e+00	-2.6312e-02	-3.4523e-02	-
1.4039e-02	-1.0200e+00	-2.4455e-02	-3.2640e-02	-
1.2289e-02	-1.0050e+00	-2.2618e-02	-3.0772e-02	-
1.0587e-02	-9.9000e-01	-2.0804e-02	-2.8918e-02	-
9.4849e-03	-9.8000e-01	-1.9609e-02	-2.7692e-02	-
8.9450e-03	-9.7500e-01	-1.9016e-02	-2.7082e-02	-
7.8902e-03	-9.6500e-01	-1.7839e-02	-2.5868e-02	-
6.8735e-03	-9.5500e-01	-1.6678e-02	-2.4663e-02	-
5.9013e-03	-9.4500e-01	-1.5532e-02	-2.3468e-02	-
4.9811e-03	-9.3500e-01	-1.4403e-02	-2.2283e-02	-
4.5432e-03	-9.3000e-01	-1.3846e-02	-2.1695e-02	-
4.1216e-03	-9.2500e-01	-1.3294e-02	-2.1109e-02	-

3.7177e-03	-9.2000e-01	-1.2747e-02	-2.0527e-02	-
3.3327e-03	-9.1500e-01	-1.2206e-02	-1.9948e-02	-
2.9678e-03	-9.1000e-01	-1.1671e-02	-1.9372e-02	-
2.6244e-03	-9.0500e-01	-1.1142e-02	-1.8800e-02	-
2.3036e-03	-9.0000e-01	-1.0620e-02	-1.8231e-02	-
2.0065e-03	-8.9500e-01	-1.0105e-02	-1.7666e-02	-
1.7338e-03	-8.9000e-01	-9.5974e-03	-1.7105e-02	-
1.4859e-03	-8.8500e-01	-9.0978e-03	-1.6548e-02	-
1.2632e-03	-8.8000e-01	-8.6065e-03	-1.5995e-02	-
1.0651e-03	-8.7500e-01	-8.1241e-03	-1.5446e-02	-
8.9107e-04	-8.7000e-01	-7.6512e-03	-1.4902e-02	-
7.3992e-04	-8.6500e-01	-7.1882e-03	-1.4363e-02	-
6.1012e-04	-8.6000e-01	-6.7359e-03	-1.3830e-02	-
4.9988e-04	-8.5500e-01	-6.2948e-03	-1.3301e-02	-
4.0722e-04	-8.5000e-01	-5.8655e-03	-1.2778e-02	-
2.6633e-04	-8.4000e-01	-5.0454e-03	-1.1750e-02	-
2.1410e-04	-8.3500e-01	-4.6560e-03	-1.1246e-02	-
1.7157e-04	-8.3000e-01	-4.2812e-03	-1.0748e-02	-
1.3713e-04	-8.2500e-01	-3.9219e-03	-1.0257e-02	-
1.0936e-04	-8.2000e-01	-3.5787e-03	-9.7741e-03	-
8.7058e-05	-8.1500e-01	-3.2522e-03	-9.2988e-03	-
6.9204e-05	-8.1000e-01	-2.9430e-03	-8.8318e-03	-
5.4946e-05	-8.0500e-01	-2.6517e-03	-8.3733e-03	-
4.3585e-05	-8.0000e-01	-2.3786e-03	-7.9240e-03	-
3.4546e-05	-7.9500e-01	-2.1240e-03	-7.4842e-03	-
2.7365e-05	-7.9000e-01	-1.8881e-03	-7.0543e-03	-

2.1667e-05	-7.8500e-01	-1.6708e-03	-6.6349e-03	-
1.7148e-05	-7.8000e-01	-1.4719e-03	-6.2265e-03	-
1.3568e-05	-7.7500e-01	-1.2909e-03	-5.8296e-03	-
1.0732e-05	-7.7000e-01	-1.1275e-03	-5.4446e-03	-
8.4878e-06	-7.6500e-01	-9.8070e-04	-5.0721e-03	-
6.7116e-06	-7.6000e-01	-8.4975e-04	-4.7125e-03	-
4.1952e-06	-7.5000e-01	-6.3126e-04	-4.0342e-03	-
2.6214e-06	-7.4000e-01	-4.6321e-04	-3.4133e-03	-
2.0720e-06	-7.3500e-01	-3.9525e-04	-3.1253e-03	-
1.6377e-06	-7.3000e-01	-3.3650e-04	-2.8526e-03	-
1.2944e-06	-7.2500e-01	-2.8591e-04	-2.5955e-03	-
1.0230e-06	-7.2000e-01	-2.4251e-04	-2.3540e-03	-
8.0855e-07	-7.1500e-01	-2.0538e-04	-2.1281e-03	-
6.3902e-07	-7.1000e-01	-1.7370e-04	-1.9178e-03	-
5.0503e-07	-7.0500e-01	-1.4674e-04	-1.7229e-03	-
3.1544e-07	-6.9500e-01	-1.0443e-04	-1.3778e-03	-
2.4929e-07	-6.9000e-01	-8.7993e-05	-1.2267e-03	-
1.5570e-07	-6.8000e-01	-6.2366e-05	-9.6445e-04	-
9.7247e-08	-6.7000e-01	-4.4124e-05	-7.5080e-04	-
6.0739e-08	-6.6000e-01	-3.1177e-05	-5.7944e-04	-
3.7938e-08	-6.5000e-01	-2.2009e-05	-4.4392e-04	-
2.3697e-08	-6.4000e-01	-1.5526e-05	-3.3805e-04	-
1.4803e-08	-6.3000e-01	-1.0948e-05	-2.5616e-04	-
7.3107e-09	-6.1500e-01	-6.4790e-06	-1.6779e-04	-
3.6126e-09	-6.0000e-01	-3.8324e-06	-1.0923e-04	-
1.7873e-09	-5.8500e-01	-2.2663e-06	-7.0822e-05	-

3.5081e-10	-5.5000e-01	-6.6491e-07	-2.5534e-05	-
3.3843e-11	-4.9500e-01	-9.6761e-08	-5.0862e-06	-
7.8919e-12	-3.9000e-01	-2.4481e-09	-2.3207e-07	-
8.5595e-12	3.3000e+00	9.3048e-12	1.2795e-11	

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[Model]      ALVC244_OUT_18
Model_type   3-state
Enable       Active-Low
Vref =       0
Rref =       1000
Cref =       30p
Vmeas =      0.9

```

variable	typ	min	max
C_comp	6.53pF	5.75pF	
7.29pF			
C_pullup	8.80pF	6.36pF	
10.24pF			
C_pulldown	16.66pF	6.55pF	
36.00pF			
C_tri-state	6.53pF	5.75pF	
7.29pF			
[Temperature Range]	40	100	-40
Ambient temperature	25	85	-40
[Voltage range]	1.8	1.65	1.95

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[GND Clamp]
ALVC244_OUT_18

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	Voltage	I(typ)	I(min)
I(max)			
	-1.8000e+00	-2.3117e-01	-2.0581e-01
2.5736e-01	-1.7600e+00	-2.2178e-01	-1.9746e-01
2.4697e-01	-1.7250e+00	-2.1359e-01	-1.9016e-01
2.3789e-01	-1.6850e+00	-2.0426e-01	-1.8185e-01
2.2755e-01			

2.1852e-01	-1.6500e+00	-1.9611e-01	-1.7461e-01	-
2.0951e-01	-1.6150e+00	-1.8799e-01	-1.6738e-01	-
2.0053e-01	-1.5800e+00	-1.7990e-01	-1.6018e-01	-
1.9285e-01	-1.5500e+00	-1.7298e-01	-1.5404e-01	-
1.8392e-01	-1.5150e+00	-1.6494e-01	-1.4689e-01	-
1.7502e-01	-1.4800e+00	-1.5693e-01	-1.3977e-01	-
1.6742e-01	-1.4500e+00	-1.5010e-01	-1.3369e-01	-
1.5984e-01	-1.4200e+00	-1.4328e-01	-1.2764e-01	-
1.5229e-01	-1.3900e+00	-1.3650e-01	-1.2162e-01	-
1.4476e-01	-1.3600e+00	-1.2975e-01	-1.1562e-01	-
1.3727e-01	-1.3300e+00	-1.2303e-01	-1.0966e-01	-
1.2981e-01	-1.3000e+00	-1.1634e-01	-1.0373e-01	-
1.2362e-01	-1.2750e+00	-1.1080e-01	-9.8812e-02	-
1.1746e-01	-1.2500e+00	-1.0528e-01	-9.3923e-02	-
1.1133e-01	-1.2250e+00	-9.9796e-02	-8.9061e-02	-
1.0523e-01	-1.2000e+00	-9.4343e-02	-8.4229e-02	-
9.9167e-02	-1.1750e+00	-8.8926e-02	-7.9431e-02	-
9.3146e-02	-1.1500e+00	-8.3547e-02	-7.4667e-02	-
8.8363e-02	-1.1300e+00	-7.9274e-02	-7.0883e-02	-
8.3613e-02	-1.1100e+00	-7.5031e-02	-6.7126e-02	-
7.8901e-02	-1.0900e+00	-7.0820e-02	-6.3397e-02	-
7.4233e-02	-1.0700e+00	-6.6644e-02	-5.9699e-02	-
6.9615e-02	-1.0500e+00	-6.2508e-02	-5.6033e-02	-
6.5057e-02	-1.0300e+00	-5.8414e-02	-5.2403e-02	-
6.1686e-02	-1.0150e+00	-5.5375e-02	-4.9707e-02	-
5.8363e-02	-1.0000e+00	-5.2366e-02	-4.7034e-02	-

5.5097e-02	-9.8500e-01	-4.9389e-02	-4.4386e-02	-
5.1900e-02	-9.7000e-01	-4.6449e-02	-4.1766e-02	-
4.9814e-02	-9.6000e-01	-4.4512e-02	-4.0036e-02	-
4.7772e-02	-9.5000e-01	-4.2593e-02	-3.8320e-02	-
4.6770e-02	-9.4500e-01	-4.1642e-02	-3.7467e-02	-
4.4806e-02	-9.3500e-01	-3.9757e-02	-3.5774e-02	-
4.2905e-02	-9.2500e-01	-3.7895e-02	-3.4097e-02	-
4.1076e-02	-9.1500e-01	-3.6060e-02	-3.2437e-02	-
4.0192e-02	-9.1000e-01	-3.5153e-02	-3.1614e-02	-
3.9329e-02	-9.0500e-01	-3.4253e-02	-3.0795e-02	-
3.8490e-02	-9.0000e-01	-3.3362e-02	-2.9982e-02	-
3.7675e-02	-8.9500e-01	-3.2478e-02	-2.9174e-02	-
3.6884e-02	-8.9000e-01	-3.1604e-02	-2.8371e-02	-
3.6119e-02	-8.8500e-01	-3.0739e-02	-2.7574e-02	-
3.5379e-02	-8.8000e-01	-2.9884e-02	-2.6782e-02	-
3.4664e-02	-8.7500e-01	-2.9039e-02	-2.5996e-02	-
3.3973e-02	-8.7000e-01	-2.8204e-02	-2.5216e-02	-
3.3305e-02	-8.6500e-01	-2.7381e-02	-2.4443e-02	-
3.2032e-02	-8.5500e-01	-2.5772e-02	-2.2917e-02	-
3.1424e-02	-8.5000e-01	-2.4987e-02	-2.2164e-02	-
3.0250e-02	-8.4000e-01	-2.3461e-02	-2.0682e-02	-
2.9123e-02	-8.3000e-01	-2.1996e-02	-1.9232e-02	-
2.8027e-02	-8.2000e-01	-2.0599e-02	-1.7818e-02	-
2.7487e-02	-8.1500e-01	-1.9927e-02	-1.7125e-02	-
2.6420e-02	-8.0500e-01	-1.8642e-02	-1.5770e-02	-
2.5891e-02	-8.0000e-01	-1.8029e-02	-1.5109e-02	-

2.5363e-02	-7.9500e-01	-1.7437e-02	-1.4459e-02	-
2.4836e-02	-7.9000e-01	-1.6864e-02	-1.3821e-02	-
2.4311e-02	-7.8500e-01	-1.6312e-02	-1.3195e-02	-
2.3786e-02	-7.8000e-01	-1.5781e-02	-1.2583e-02	-
2.3262e-02	-7.7500e-01	-1.5269e-02	-1.1984e-02	-
2.2737e-02	-7.7000e-01	-1.4776e-02	-1.1399e-02	-
2.1689e-02	-7.6000e-01	-1.3846e-02	-1.0273e-02	-
2.0639e-02	-7.5000e-01	-1.2982e-02	-9.2108e-03	-
2.0115e-02	-7.4500e-01	-1.2573e-02	-8.7043e-03	-
1.9066e-02	-7.3500e-01	-1.1794e-02	-7.7430e-03	-
1.8018e-02	-7.2500e-01	-1.1061e-02	-6.8529e-03	-
1.6974e-02	-7.1500e-01	-1.0365e-02	-6.0356e-03	-
1.5935e-02	-7.0500e-01	-9.6996e-03	-5.2912e-03	-
1.5419e-02	-7.0000e-01	-9.3771e-03	-4.9460e-03	-
1.4394e-02	-6.9000e-01	-8.7494e-03	-4.3076e-03	-
1.3382e-02	-6.8000e-01	-8.1419e-03	-3.7355e-03	-
1.2882e-02	-6.7500e-01	-7.8450e-03	-3.4727e-03	-
1.1896e-02	-6.6500e-01	-7.2638e-03	-2.9904e-03	-
1.0930e-02	-6.5500e-01	-6.6984e-03	-2.5608e-03	-
1.0455e-02	-6.5000e-01	-6.4213e-03	-2.3640e-03	-
9.5239e-03	-6.4000e-01	-5.8783e-03	-2.0031e-03	-
8.1776e-03	-6.2500e-01	-5.0914e-03	-1.5347e-03	-
6.8981e-03	-6.1000e-01	-4.3386e-03	-1.1429e-03	-
5.6930e-03	-5.9500e-01	-3.6219e-03	-8.1947e-04	-
4.5699e-03	-5.8000e-01	-2.9447e-03	-5.6002e-04	-
3.8711e-03	-5.7000e-01	-2.5175e-03	-4.2208e-04	-



3.5378e-03	-5.6500e-01	-2.3118e-03	-3.6377e-04	-
2.9052e-03	-5.5500e-01	-1.9175e-03	-2.6901e-04	-
2.6069e-03	-5.5000e-01	-1.7296e-03	-2.3291e-04	-
2.0485e-03	-5.4000e-01	-1.3739e-03	-1.8432e-04	-
1.7896e-03	-5.3500e-01	-1.2071e-03	-1.7238e-04	-
1.3152e-03	-5.2500e-01	-8.9781e-04	-1.5496e-04	-
9.0336e-04	-5.1500e-01	-6.2511e-04	-1.3927e-04	-
7.2286e-04	-5.1000e-01	-5.0423e-04	-1.3202e-04	-
4.1723e-04	-5.0000e-01	-2.9755e-04	-1.1851e-04	-
2.9416e-04	-4.9500e-01	-2.1364e-04	-1.1220e-04	-
1.9250e-04	-4.9000e-01	-1.4410e-04	-1.0615e-04	-
1.1356e-04	-4.8500e-01	-9.0093e-05	-1.0035e-04	-
5.8817e-05	-4.8000e-01	-5.2885e-05	-9.4772e-05	-
2.9910e-05	-4.7500e-01	-3.3837e-05	-8.9408e-05	-
8.6846e-06	-4.4500e-01	-1.3970e-05	-6.1129e-05	-
7.9725e-07	-3.8500e-01	-2.2719e-06	-2.2215e-05	-
1.2190e-08	-2.8000e-01	-9.4775e-08	-1.4210e-06	-
9.2183e-12	1.8000e+00	7.2028e-11	2.2900e-08	

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[POWER Clamp]  
| ALVC244\_OUT\_18

	Voltage	I(typ)	I(min)
I(max)			
	-1.8000e+00	4.2945e-02	2.6888e-02
6.9480e-02	-1.7800e+00	4.1717e-02	2.6023e-02
6.7758e-02	-1.7650e+00	4.0802e-02	2.5380e-02
6.6475e-02			

6.4773e-02	-1.7450e+00	3.9592e-02	2.4530e-02
6.3504e-02	-1.7300e+00	3.8692e-02	2.3899e-02
6.1823e-02	-1.7100e+00	3.7500e-02	2.3066e-02
6.0571e-02	-1.6950e+00	3.6614e-02	2.2447e-02
5.8911e-02	-1.6750e+00	3.5442e-02	2.1630e-02
5.7675e-02	-1.6600e+00	3.4570e-02	2.1024e-02
5.6039e-02	-1.6400e+00	3.3419e-02	2.0225e-02
5.4820e-02	-1.6250e+00	3.2563e-02	1.9632e-02
5.3608e-02	-1.6100e+00	3.1714e-02	1.9045e-02
5.2405e-02	-1.5950e+00	3.0872e-02	1.8465e-02
5.0812e-02	-1.5750e+00	2.9760e-02	1.7700e-02
4.9627e-02	-1.5600e+00	2.8935e-02	1.7133e-02
4.8449e-02	-1.5450e+00	2.8117e-02	1.6573e-02
4.7281e-02	-1.5300e+00	2.7307e-02	1.6020e-02
4.5735e-02	-1.5100e+00	2.6238e-02	1.5292e-02
4.4586e-02	-1.4950e+00	2.5446e-02	1.4754e-02
4.3446e-02	-1.4800e+00	2.4661e-02	1.4223e-02
4.2314e-02	-1.4650e+00	2.3885e-02	1.3699e-02
4.1192e-02	-1.4500e+00	2.3117e-02	1.3182e-02
4.0078e-02	-1.4350e+00	2.2358e-02	1.2673e-02
3.8974e-02	-1.4200e+00	2.1607e-02	1.2170e-02
3.7880e-02	-1.4050e+00	2.0865e-02	1.1676e-02
3.6795e-02	-1.3900e+00	2.0131e-02	1.1189e-02
3.5720e-02	-1.3750e+00	1.9407e-02	1.0710e-02
3.4655e-02	-1.3600e+00	1.8692e-02	1.0239e-02
3.3601e-02	-1.3450e+00	1.7987e-02	9.7769e-03

3.2556e-02	-1.3300e+00	1.7291e-02	9.3226e-03
3.1522e-02	-1.3150e+00	1.6604e-02	8.8769e-03
3.0499e-02	-1.3000e+00	1.5928e-02	8.4399e-03
2.9487e-02	-1.2850e+00	1.5262e-02	8.0119e-03
2.8486e-02	-1.2700e+00	1.4607e-02	7.5929e-03
2.7496e-02	-1.2550e+00	1.3962e-02	7.1832e-03
2.6518e-02	-1.2400e+00	1.3327e-02	6.7829e-03
2.5552e-02	-1.2250e+00	1.2704e-02	6.3924e-03
2.4598e-02	-1.2100e+00	1.2092e-02	6.0117e-03
2.3656e-02	-1.1950e+00	1.1492e-02	5.6411e-03
2.2726e-02	-1.1800e+00	1.0903e-02	5.2808e-03
2.2113e-02	-1.1700e+00	1.0517e-02	5.0464e-03
2.1205e-02	-1.1550e+00	9.9483e-03	4.7038e-03
2.0310e-02	-1.1400e+00	9.3919e-03	4.3722e-03
1.9428e-02	-1.1250e+00	8.8482e-03	4.0517e-03
1.8847e-02	-1.1150e+00	8.4929e-03	3.8443e-03
1.7988e-02	-1.1000e+00	7.9709e-03	3.5430e-03
1.7144e-02	-1.0850e+00	7.4623e-03	3.2536e-03
1.6313e-02	-1.0700e+00	6.9673e-03	2.9763e-03
1.5767e-02	-1.0600e+00	6.6452e-03	2.7983e-03
1.4961e-02	-1.0450e+00	6.1737e-03	2.5419e-03
1.4170e-02	-1.0300e+00	5.7168e-03	2.2984e-03
1.3395e-02	-1.0150e+00	5.2748e-03	2.0681e-03
1.2887e-02	-1.0050e+00	4.9886e-03	1.9221e-03
1.2138e-02	-9.9000e-01	4.5721e-03	1.7146e-03
1.1648e-02	-9.8000e-01	4.3032e-03	1.5841e-03

1.0926e-02	-9.6500e-01	3.9133e-03	1.4004e-03
1.0455e-02	-9.5500e-01	3.6625e-03	1.2860e-03
9.7617e-03	-9.4000e-01	3.3003e-03	1.1270e-03
9.3094e-03	-9.3000e-01	3.0683e-03	1.0294e-03
8.6457e-03	-9.1500e-01	2.7349e-03	8.9617e-04
8.2134e-03	-9.0500e-01	2.5225e-03	8.1621e-04
7.5803e-03	-8.9000e-01	2.2192e-03	7.0989e-04
7.1687e-03	-8.8000e-01	2.0273e-03	6.4829e-04
6.5673e-03	-8.6500e-01	1.7554e-03	5.7013e-04
6.1772e-03	-8.5500e-01	1.5849e-03	5.2772e-04
5.7959e-03	-8.4500e-01	1.4233e-03	4.9324e-04
5.4237e-03	-8.3500e-01	1.2707e-03	4.6683e-04
4.8824e-03	-8.2000e-01	1.0590e-03	4.4213e-04
4.3621e-03	-8.0500e-01	8.6858e-04	4.2086e-04
3.8634e-03	-7.9000e-01	7.0004e-04	4.0082e-04
3.5431e-03	-7.8000e-01	6.0018e-04	3.8801e-04
3.2329e-03	-7.7000e-01	5.1057e-04	3.7556e-04
2.7867e-03	-7.5500e-01	3.9584e-04	3.5744e-04
2.3641e-03	-7.4000e-01	3.0546e-04	3.3985e-04
1.9662e-03	-7.2500e-01	2.4030e-04	3.2270e-04
1.5942e-03	-7.1000e-01	2.0128e-04	3.0591e-04
1.3616e-03	-7.0000e-01	1.8733e-04	2.9489e-04
1.2502e-03	-6.9500e-01	1.8032e-04	2.8942e-04
1.0379e-03	-6.8500e-01	1.6698e-04	2.7858e-04
9.3736e-04	-6.8000e-01	1.6062e-04	2.7319e-04
7.4846e-04	-6.7000e-01	1.4842e-04	2.6250e-04

5.7742e-04	-6.6000e-01	1.3683e-04	2.5191e-04
4.9924e-04	-6.5500e-01	1.3124e-04	2.4665e-04
3.5883e-04	-6.4500e-01	1.2043e-04	2.3620e-04
2.4117e-04	-6.3500e-01	1.1006e-04	2.2583e-04
1.9136e-04	-6.3000e-01	1.0503e-04	2.2069e-04
1.4776e-04	-6.2500e-01	1.0010e-04	2.1556e-04
1.1048e-04	-6.2000e-01	9.5267e-05	2.1046e-04
7.9633e-05	-6.1500e-01	9.0530e-05	2.0539e-04
5.5289e-05	-6.1000e-01	8.5887e-05	2.0033e-04
3.7515e-05	-6.0500e-01	8.1339e-05	1.9530e-04
2.6366e-05	-6.0000e-01	7.6886e-05	1.9030e-04
1.0128e-05	-5.7500e-01	5.6105e-05	1.6566e-04
1.6816e-06	-5.3000e-01	2.6110e-05	1.2322e-04
3.4103e-07	-4.9000e-01	9.7699e-06	8.8281e-05
2.5569e-08	-4.2500e-01	1.1507e-06	4.0584e-05
2.8692e-09	-3.7000e-01	1.5610e-07	1.4497e-05
5.9324e-10	-3.3000e-01	3.6015e-08	5.3115e-06
9.1605e-11	-2.8000e-01	5.8225e-09	1.2479e-06
1.0307e-11	-1.6277e-14	7.2028e-11	4.6596e-10

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[Pull down]  
| ALVC244\_OUT\_18

	Voltage	I(typ)	I(min)
I(max)			
	-1.8000e+00	-7.5316e-02	-5.6526e-02 -
8.8082e-02	-1.7000e+00	-7.3401e-02	-5.5217e-02 -
8.5658e-02			

8.3378e-02	-1.6100e+00	-7.1601e-02	-5.3975e-02	-
8.1117e-02	-1.5250e+00	-6.9827e-02	-5.2738e-02	-
7.9008e-02	-1.4500e+00	-6.8197e-02	-5.1591e-02	-
7.7531e-02	-1.4000e+00	-6.7073e-02	-5.0794e-02	-
7.5688e-02	-1.3400e+00	-6.5681e-02	-4.9800e-02	-
7.2365e-02	-1.2350e+00	-6.3117e-02	-4.7949e-02	-
7.0761e-02	-1.1850e+00	-6.1832e-02	-4.7010e-02	-
6.9144e-02	-1.1350e+00	-6.0499e-02	-4.6031e-02	-
6.7676e-02	-1.0900e+00	-5.9255e-02	-4.5110e-02	-
6.6196e-02	-1.0450e+00	-5.7964e-02	-4.4148e-02	-
6.3698e-02	-9.7000e-01	-5.5690e-02	-4.2440e-02	-
6.2352e-02	-9.3000e-01	-5.4406e-02	-4.1469e-02	-
6.1169e-02	-8.9500e-01	-5.3236e-02	-4.0579e-02	-
5.9816e-02	-8.5500e-01	-5.1841e-02	-3.9510e-02	-
5.8638e-02	-8.2000e-01	-5.0570e-02	-3.8526e-02	-
5.7476e-02	-7.8500e-01	-4.9252e-02	-3.7488e-02	-
5.6498e-02	-7.5500e-01	-4.8084e-02	-3.6551e-02	-
5.5372e-02	-7.2000e-01	-4.6676e-02	-3.5395e-02	-
5.4389e-02	-6.9000e-01	-4.5427e-02	-3.4343e-02	-
5.3343e-02	-6.6000e-01	-4.4133e-02	-3.3224e-02	-
5.2190e-02	-6.3000e-01	-4.2787e-02	-3.2030e-02	-
5.1119e-02	-6.0500e-01	-4.1618e-02	-3.0967e-02	-
5.0177e-02	-5.8500e-01	-4.0646e-02	-3.0066e-02	-
4.9145e-02	-5.6500e-01	-3.9634e-02	-2.9114e-02	-
4.8010e-02	-5.4500e-01	-3.8574e-02	-2.8101e-02	-
4.6754e-02	-5.2500e-01	-3.7451e-02	-2.7031e-02	-

4.5718e-02	-5.1000e-01	-3.6557e-02	-2.6222e-02	-
4.4588e-02	-4.9500e-01	-3.5605e-02	-2.5415e-02	-
4.3347e-02	-4.8000e-01	-3.4579e-02	-2.4608e-02	-
3.3768e-02	-3.7500e-01	-2.6836e-02	-1.9005e-02	-
2.5131e-02	-2.8000e-01	-1.9900e-02	-1.4020e-02	-
1.7000e-02	-1.9000e-01	-1.3414e-02	-9.3963e-03	-
9.3677e-03	-1.0500e-01	-7.3665e-03	-5.1300e-03	-
1.3347e-03	-1.5000e-02	-1.0457e-03	-7.2343e-04	-
4.8609e-03	5.5000e-02	3.7904e-03	2.6060e-03	
1.0960e-02	1.2500e-01	8.5000e-03	5.8046e-03	
1.6960e-02	1.9500e-01	1.3079e-02	8.8680e-03	
2.3275e-02	2.7000e-01	1.7835e-02	1.1993e-02	
2.6593e-02	3.1000e-01	2.0305e-02	1.3589e-02	
2.9467e-02	3.4500e-01	2.2427e-02	1.4945e-02	
3.5130e-02	4.1500e-01	2.6556e-02	1.7534e-02	
3.7917e-02	4.5000e-01	2.8561e-02	1.8766e-02	
4.0674e-02	4.8500e-01	3.0525e-02	1.9953e-02	
4.3399e-02	5.2000e-01	3.2447e-02	2.1095e-02	
4.6093e-02	5.5500e-01	3.4325e-02	2.2190e-02	
5.1006e-02	6.2000e-01	3.7693e-02	2.4092e-02	
5.3603e-02	6.5500e-01	3.9439e-02	2.5043e-02	
5.5800e-02	6.8500e-01	4.0897e-02	2.5814e-02	
5.8329e-02	7.2000e-01	4.2550e-02	2.6663e-02	
6.0467e-02	7.5000e-01	4.3926e-02	2.7344e-02	
6.0820e-02	7.5500e-01	4.4152e-02	2.8724e-02	
6.1173e-02	7.6000e-01	4.4376e-02	3.3211e-02	

6.1525e-02	7.6500e-01	4.4599e-02	3.3444e-02
6.1876e-02	7.7000e-01	4.4821e-02	3.3575e-02
6.5342e-02	8.2000e-01	4.6980e-02	3.4766e-02
6.5684e-02	8.2500e-01	4.8264e-02	3.4877e-02
6.6026e-02	8.3000e-01	5.5454e-02	3.4986e-02
6.6366e-02	8.3500e-01	5.7527e-02	3.5093e-02
6.8055e-02	8.6000e-01	5.8770e-02	3.5604e-02
7.0053e-02	8.9000e-01	6.0198e-02	3.6162e-02
7.2666e-02	9.3000e-01	6.2015e-02	3.6806e-02
7.3268e-02	9.4000e-01	6.2454e-02	3.6949e-02
7.4839e-02	9.4500e-01	6.2671e-02	3.7018e-02
7.5967e-02	9.5000e-01	6.2886e-02	3.7084e-02
8.7485e-02	9.5500e-01	6.3100e-02	3.7149e-02
9.0132e-02	9.6000e-01	6.3311e-02	3.7212e-02
9.2798e-02	9.9500e-01	6.4748e-02	3.7598e-02
9.5394e-02	1.0300e+00	6.6101e-02	3.7885e-02
9.7929e-02	1.0650e+00	6.7366e-02	3.8067e-02
1.0040e-01	1.1000e+00	6.8538e-02	3.8170e-02
1.0281e-01	1.1350e+00	6.9616e-02	3.8268e-02
1.0481e-01	1.1650e+00	7.0459e-02	3.8351e-02
1.0709e-01	1.2000e+00	7.1347e-02	3.8447e-02
1.0898e-01	1.2300e+00	7.2020e-02	3.8529e-02
1.1082e-01	1.2600e+00	7.2610e-02	3.8610e-02
1.1259e-01	1.2900e+00	7.3113e-02	3.8690e-02
1.1431e-01	1.3200e+00	7.3524e-02	3.8770e-02
1.1569e-01	1.3450e+00	7.3793e-02	3.8836e-02



1.1729e-01	1.3750e+00	7.4025e-02	3.8914e-02
1.1956e-01	1.4200e+00	7.4228e-02	3.9031e-02
1.2144e-01	1.4600e+00	7.4394e-02	3.9134e-02
1.2298e-01	1.4950e+00	7.4538e-02	3.9223e-02
1.2459e-01	1.5350e+00	7.4701e-02	3.9324e-02
1.2589e-01	1.5700e+00	7.4842e-02	3.9412e-02
1.2721e-01	1.6100e+00	7.5002e-02	3.9511e-02
1.2822e-01	1.6450e+00	7.5141e-02	3.9597e-02
1.2909e-01	1.6800e+00	7.5279e-02	3.9683e-02
1.2982e-01	1.7150e+00	7.5416e-02	3.9767e-02
1.3038e-01	1.7500e+00	7.5552e-02	3.9852e-02
1.3062e-01	1.7700e+00	7.5629e-02	3.9900e-02
1.3076e-01	1.7850e+00	7.5686e-02	3.9935e-02
1.3176e-01	1.9450e+00	7.6290e-02	4.0310e-02
1.3306e-01	2.1650e+00	7.7090e-02	4.0807e-02
1.3430e-01	2.3850e+00	7.7859e-02	4.1285e-02
1.3558e-01	2.6200e+00	7.8650e-02	4.1777e-02
1.3683e-01	2.8600e+00	7.9429e-02	4.2262e-02
1.3805e-01	3.1000e+00	8.0181e-02	4.2732e-02
1.4045e-01	3.6000e+00	8.1676e-02	4.3665e-02
*****			
[Pullup]			
ALVC244_OUT_18			
I(max)			
	Voltage	I(typ)	I(min)
1.2721e-01	-1.8000e+00	9.3894e-02	6.6517e-02

1.2517e-01	-1.7350e+00	9.2371e-02	6.5394e-02
1.2302e-01	-1.6700e+00	9.0757e-02	6.4196e-02
1.2075e-01	-1.6050e+00	8.9044e-02	6.2917e-02
1.1855e-01	-1.5450e+00	8.7369e-02	6.1657e-02
1.1624e-01	-1.4850e+00	8.5595e-02	6.0316e-02
1.1402e-01	-1.4300e+00	8.3876e-02	5.9008e-02
1.1276e-01	-1.4000e+00	8.2899e-02	5.8260e-02
1.1147e-01	-1.3700e+00	8.1891e-02	5.7488e-02
1.0901e-01	-1.3150e+00	7.9963e-02	5.6003e-02
1.0761e-01	-1.2850e+00	7.8864e-02	5.5154e-02
1.0642e-01	-1.2600e+00	7.7922e-02	5.4423e-02
1.0496e-01	-1.2300e+00	7.6758e-02	5.3518e-02
1.0370e-01	-1.2050e+00	7.5759e-02	5.2739e-02
1.0111e-01	-1.1550e+00	7.3679e-02	5.1110e-02
9.9759e-02	-1.1300e+00	7.2596e-02	5.0258e-02
9.8379e-02	-1.1050e+00	7.1482e-02	4.9379e-02
9.6965e-02	-1.0800e+00	7.0336e-02	4.8474e-02
9.5514e-02	-1.0550e+00	6.9157e-02	4.7539e-02
9.4027e-02	-1.0300e+00	6.7944e-02	4.6575e-02
9.2501e-02	-1.0050e+00	6.6695e-02	4.5580e-02
9.0935e-02	-9.8000e-01	6.5409e-02	4.4552e-02
8.9652e-02	-9.6000e-01	6.4352e-02	4.3706e-02
8.8009e-02	-9.3500e-01	6.2994e-02	4.2616e-02
8.6663e-02	-9.1500e-01	6.1878e-02	4.1717e-02
8.4234e-02	-8.8000e-01	5.9856e-02	4.0085e-02
8.2074e-02	-8.5000e-01	5.8050e-02	3.8623e-02

7.9837e-02	-8.2000e-01	5.6172e-02	3.7098e-02
7.7519e-02	-7.9000e-01	5.4219e-02	3.5557e-02
7.5110e-02	-7.6000e-01	5.2184e-02	3.4022e-02
7.2602e-02	-7.3000e-01	5.0061e-02	3.2495e-02
7.0422e-02	-7.0500e-01	4.8221e-02	3.1230e-02
6.8146e-02	-6.8000e-01	4.6354e-02	2.9970e-02
6.6725e-02	-6.6500e-01	4.5235e-02	2.9218e-02
6.5257e-02	-6.5000e-01	4.4117e-02	2.8468e-02
6.3740e-02	-6.3500e-01	4.3000e-02	2.7721e-02
6.2172e-02	-6.2000e-01	4.1883e-02	2.6977e-02
6.0554e-02	-6.0500e-01	4.0767e-02	2.6235e-02
5.3368e-02	-5.4000e-01	3.5933e-02	2.3050e-02
4.9017e-02	-5.0000e-01	3.2953e-02	2.1115e-02
4.4199e-02	-4.5500e-01	2.9609e-02	1.8959e-02
3.8941e-02	-4.0500e-01	2.5952e-02	1.6587e-02
3.4292e-02	-3.6000e-01	2.2740e-02	1.4476e-02
3.0226e-02	-3.2000e-01	1.9952e-02	1.2632e-02
2.6222e-02	-2.8000e-01	1.7228e-02	1.0834e-02
2.2282e-02	-2.4000e-01	1.4568e-02	9.0934e-03
1.7446e-02	-1.9000e-01	1.1334e-02	7.0052e-03
1.2711e-02	-1.4000e-01	8.2044e-03	5.0174e-03
8.5391e-03	-9.5000e-02	5.4779e-03	3.3165e-03
4.0029e-03	-4.5000e-02	2.5497e-03	1.5257e-03
4.4075e-04	5.0000e-03	-2.7858e-04	-1.6470e-04 -
3.4677e-03	4.0000e-02	-2.1838e-03	-1.2821e-03 -
6.8202e-03	8.0000e-02	-4.2745e-03	-2.4894e-03 -

8.4572e-03	1.0000e-01	-5.2875e-03	-3.0669e-03	-
1.0467e-02	1.2500e-01	-6.5242e-03	-3.7649e-03	-
1.3601e-02	1.6500e-01	-8.4351e-03	-4.8270e-03	-
1.6632e-02	2.0500e-01	-1.0263e-02	-5.8224e-03	-
1.9563e-02	2.4500e-01	-1.2008e-02	-6.7513e-03	-
2.0989e-02	2.6500e-01	-1.2850e-02	-7.1908e-03	-
2.2737e-02	2.9000e-01	-1.3872e-02	-7.7169e-03	-
2.4107e-02	3.1000e-01	-1.4667e-02	-8.1191e-03	-
2.5784e-02	3.3500e-01	-1.5632e-02	-8.5985e-03	-
2.8384e-02	3.7500e-01	-1.7108e-02	-9.3115e-03	-
2.9646e-02	3.9500e-01	-1.7815e-02	-9.6432e-03	-
3.1187e-02	4.2000e-01	-1.8669e-02	-1.0034e-02	-
3.3571e-02	4.6000e-01	-1.9970e-02	-1.0606e-02	-
3.5010e-02	4.8500e-01	-2.0740e-02	-1.0930e-02	-
3.6132e-02	5.0500e-01	-2.1333e-02	-1.1170e-02	-
3.8300e-02	5.4500e-01	-2.2458e-02	-1.1601e-02	-
4.0367e-02	5.8500e-01	-2.3499e-02	-1.1966e-02	-
4.1607e-02	6.1000e-01	-2.4108e-02	-1.2160e-02	-
4.2571e-02	6.3000e-01	-2.4572e-02	-1.2296e-02	-
4.3509e-02	6.5000e-01	-2.5015e-02	-1.2416e-02	-
4.4646e-02	6.7500e-01	-2.5540e-02	-1.2543e-02	-
4.6383e-02	7.1500e-01	-2.6313e-02	-1.2692e-02	-
4.8019e-02	7.5500e-01	-2.7003e-02	-1.2774e-02	-
4.8798e-02	7.7500e-01	-2.7317e-02	-1.2795e-02	-
4.9737e-02	8.0000e-01	-2.7680e-02	-1.2829e-02	-
5.0812e-02	8.3000e-01	-2.8074e-02	-1.2870e-02	-

5.1664e-02	8.5500e-01	-2.8366e-02	-1.2903e-02	-
5.2633e-02	8.8500e-01	-2.8674e-02	-1.2944e-02	-
5.3546e-02	9.1500e-01	-2.8936e-02	-1.2984e-02	-
5.4264e-02	9.4000e-01	-2.9119e-02	-1.3018e-02	-
5.5072e-02	9.7000e-01	-2.9295e-02	-1.3058e-02	-
5.5823e-02	1.0000e+00	-2.9425e-02	-1.3098e-02	-
5.6518e-02	1.0300e+00	-2.9509e-02	-1.3138e-02	-
5.7155e-02	1.0600e+00	-2.9565e-02	-1.3178e-02	-
5.7736e-02	1.0900e+00	-2.9645e-02	-1.3218e-02	-
5.8259e-02	1.1200e+00	-2.9725e-02	-1.3258e-02	-
5.8652e-02	1.1450e+00	-2.9791e-02	-1.3291e-02	-
5.9071e-02	1.1750e+00	-2.9871e-02	-1.3330e-02	-
5.9434e-02	1.2050e+00	-2.9950e-02	-1.3370e-02	-
5.9739e-02	1.2350e+00	-3.0030e-02	-1.3409e-02	-
5.9950e-02	1.2600e+00	-3.0096e-02	-1.3442e-02	-
6.0122e-02	1.2850e+00	-3.0162e-02	-1.3475e-02	-
6.0230e-02	1.3050e+00	-3.0214e-02	-1.3501e-02	-
6.0331e-02	1.3300e+00	-3.0280e-02	-1.3534e-02	-
6.0405e-02	1.3600e+00	-3.0359e-02	-1.3573e-02	-
6.4624e-02	2.2300e+00	-3.2619e-02	-1.4692e-02	-
7.1196e-02	3.6000e+00	-3.6123e-02	-1.6418e-02	-

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[Ramp]

| ALVC244\_OUT\_18

variable	typ	min	max
dV/dt_r	1.07/4.97E-10	0.97/9.04E-10	1.16/4.28E-10
dV/dt_f	1.07/5.94E-10	0.99/1.19E-09	1.16/4.08E-10

R\_load = 1000

```

|
| [Rising Waveform]
| ALVC244_OUT_18
|
R_fixture =      1000
C_fixture =       0
L_fixture =       0
V_fixture =       0
V_fixture_min = 0
V_fixture_max = 0

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	Time	V(typ)	V(min)
V(max)			
	0.0000e+00	5.0896e-11	4.4286e-09
3.7801e-11	8.4500e-10	1.1676e-04	4.6079e-04 -
4.5943e-06	1.3950e-09	-3.5693e-03	-2.6127e-03 -
3.1824e-03	1.4600e-09	-4.8228e-03	-3.4047e-03
4.3534e-03	1.5300e-09	-6.3654e-03	-4.3601e-03
1.4328e-02	1.6000e-09	-8.1080e-03	-5.4207e-03
2.6232e-02	1.6700e-09	-1.0050e-02	-6.5866e-03
4.0064e-02	1.7400e-09	-1.2193e-02	-7.8576e-03
5.5824e-02	1.8100e-09	-1.4535e-02	-9.2339e-03
7.3512e-02	1.9450e-09	-1.9617e-02	-1.2185e-02
1.1307e-01	1.9500e-09	-1.9210e-02	-1.2270e-02
1.1914e-01	1.9700e-09	-1.5105e-02	-1.2455e-02
1.5871e-01	1.9900e-09	-1.0675e-02	-1.2629e-02
2.0071e-01	2.0100e-09	-5.9203e-03	-1.2792e-02
2.4516e-01	2.0300e-09	-8.4084e-04	-1.2943e-02
2.9205e-01	2.0450e-09	3.1818e-03	-1.3050e-02
3.2882e-01	2.0650e-09	8.8295e-03	-1.3181e-02
3.7999e-01	2.0800e-09	1.3278e-02	-1.3273e-02
4.1997e-01	2.0950e-09	1.7910e-02	-1.3358e-02
4.6132e-01			

5.1859e-01	2.1150e-09	2.4369e-02	-1.3461e-02
5.6315e-01	2.1300e-09	2.9427e-02	-1.3531e-02
6.2470e-01	2.1500e-09	3.6455e-02	-1.3615e-02
6.7247e-01	2.1650e-09	4.1939e-02	-1.3670e-02
7.3829e-01	2.1850e-09	4.9534e-02	-1.3733e-02
8.7603e-01	2.2250e-09	6.6190e-02	-1.3827e-02
9.7079e-01	2.2600e-09	9.6458e-02	-1.3872e-02
1.0653e+00	2.2950e-09	1.3108e-01	-1.3882e-02
1.1595e+00	2.3300e-09	1.7005e-01	-1.3857e-02
1.2534e+00	2.3650e-09	2.1338e-01	-1.3797e-02
1.3337e+00	2.3950e-09	2.5398e-01	-1.3719e-02
1.4270e+00	2.4300e-09	3.0539e-01	-1.3595e-02
1.5202e+00	2.4650e-09	3.6115e-01	-1.3437e-02
1.6130e+00	2.5000e-09	4.2126e-01	-1.3244e-02
1.6681e+00	2.5300e-09	4.8580e-01	-9.2758e-03
1.7103e+00	2.5550e-09	5.4345e-01	-5.6527e-03
1.7460e+00	2.5800e-09	6.0271e-01	-1.1175e-03
1.7763e+00	2.6050e-09	6.6430e-01	4.0958e-03
1.7919e+00	2.6200e-09	7.0236e-01	7.5493e-03
1.8149e+00	2.6450e-09	7.6712e-01	1.3861e-02
1.8272e+00	2.6600e-09	8.0586e-01	1.8103e-02
1.8415e+00	2.6800e-09	8.5818e-01	2.4197e-02
1.8580e+00	2.7100e-09	9.3806e-01	3.4280e-02
1.8777e+00	2.7600e-09	1.0749e+00	5.3598e-02
1.8794e+00	2.7650e-09	1.0869e+00	5.5702e-02
1.8875e+00	2.7950e-09	1.1553e+00	6.9265e-02

1.8924e+00	2.8250e-09	1.2192e+00	8.4513e-02
1.8972e+00	2.8550e-09	1.2788e+00	1.0115e-01
1.9010e+00	2.8850e-09	1.3340e+00	1.1917e-01
1.9033e+00	2.9150e-09	1.3848e+00	1.3858e-01
1.9054e+00	2.9450e-09	1.4310e+00	1.5938e-01
1.9078e+00	2.9750e-09	1.4726e+00	1.8156e-01
1.9100e+00	3.0100e-09	1.5155e+00	2.0921e-01
1.9115e+00	3.0400e-09	1.5474e+00	2.3448e-01
1.9128e+00	3.0650e-09	1.5706e+00	2.5661e-01
1.9157e+00	3.1250e-09	1.6190e+00	3.1372e-01
1.9171e+00	3.1600e-09	1.6440e+00	3.4963e-01
1.9187e+00	3.2050e-09	1.6704e+00	3.9861e-01
1.9195e+00	3.2300e-09	1.6822e+00	4.2718e-01
1.9203e+00	3.2550e-09	1.6921e+00	4.5674e-01
1.9211e+00	3.2800e-09	1.7000e+00	4.8727e-01
1.9217e+00	3.3050e-09	1.7059e+00	5.1877e-01
1.9221e+00	3.3200e-09	1.7085e+00	5.3575e-01
1.9231e+00	3.3700e-09	1.7245e+00	5.9325e-01
1.9239e+00	3.4200e-09	1.7371e+00	6.5211e-01
1.9247e+00	3.4650e-09	1.7456e+00	7.0625e-01
1.9254e+00	3.5150e-09	1.7517e+00	7.6771e-01
1.9258e+00	3.5550e-09	1.7541e+00	8.1786e-01
1.9263e+00	3.6050e-09	1.7544e+00	8.8177e-01
1.9266e+00	3.6800e-09	1.7605e+00	9.8021e-01
1.9268e+00	3.7000e-09	1.7617e+00	1.0022e+00
1.9271e+00	3.7600e-09	1.7643e+00	1.0640e+00



1.9273e+00	3.8150e-09	1.7652e+00	1.1178e+00
1.9275e+00	3.8700e-09	1.7648e+00	1.1691e+00
1.9276e+00	3.9300e-09	1.7653e+00	1.2221e+00
1.9277e+00	3.9950e-09	1.7662e+00	1.2760e+00
1.9278e+00	4.0600e-09	1.7666e+00	1.3263e+00
1.9279e+00	4.1300e-09	1.7666e+00	1.3710e+00
1.9280e+00	4.1800e-09	1.7664e+00	1.3992e+00
1.9280e+00	4.2300e-09	1.7666e+00	1.4245e+00
1.9280e+00	4.2800e-09	1.7667e+00	1.4467e+00
1.9280e+00	4.3300e-09	1.7668e+00	1.4658e+00
1.9280e+00	4.3800e-09	1.7669e+00	1.4820e+00
1.9281e+00	4.4400e-09	1.7670e+00	1.4975e+00
1.9281e+00	4.5200e-09	1.7671e+00	1.5213e+00
1.9281e+00	4.5750e-09	1.7672e+00	1.5352e+00
1.9281e+00	4.6250e-09	1.7673e+00	1.5462e+00
1.9281e+00	4.7150e-09	1.7674e+00	1.5616e+00
1.9281e+00	4.8000e-09	1.7676e+00	1.5713e+00
1.9281e+00	4.8550e-09	1.7676e+00	1.5750e+00
1.9281e+00	4.9150e-09	1.7677e+00	1.5769e+00
1.9281e+00	5.0100e-09	1.7678e+00	1.5864e+00
1.9281e+00	5.1100e-09	1.7679e+00	1.5940e+00
1.9281e+00	5.2650e-09	1.7679e+00	1.6011e+00
1.9281e+00	5.3750e-09	1.7680e+00	1.6026e+00
1.9281e+00	5.4900e-09	1.7680e+00	1.6012e+00
1.9280e+00	5.6700e-09	1.7680e+00	1.6044e+00
1.9280e+00	5.8450e-09	1.7679e+00	1.6053e+00
1.9280e+00			

1.9279e+00	7.2100e-09	1.7678e+00	1.6007e+00
1.9279e+00	8.6600e-09	1.7677e+00	1.5997e+00
1.9279e+00	5.0000e-08	1.7678e+00	1.5997e+00
*****			
*****			
[Falling Waveform]			
ALVC244_OUT_18			
R_fixture = 1000			
C_fixture = 0			
L_fixture = 0			
V_fixture = 1.8			
V_fixture_min = 1.65			
V_fixture_max = 1.95			
	Time	V(typ)	V(min)
V(max)			
	0.0000e+00	1.8000e+00	1.6500e+00
1.9500e+00	9.3500e-10	1.7999e+00	1.6498e+00
1.9502e+00	1.4550e-09	1.8014e+00	1.6492e+00
1.9581e+00	1.5100e-09	1.8021e+00	1.6495e+00
1.9446e+00	1.5700e-09	1.8031e+00	1.6498e+00
1.9262e+00	1.6300e-09	1.8043e+00	1.6502e+00
1.9045e+00	1.6900e-09	1.8055e+00	1.6508e+00
1.8794e+00	1.7500e-09	1.8070e+00	1.6513e+00
1.8509e+00	1.8100e-09	1.8085e+00	1.6520e+00
1.8191e+00	1.8700e-09	1.8102e+00	1.6527e+00
1.7839e+00	1.9300e-09	1.8121e+00	1.6535e+00
1.7454e+00	1.9750e-09	1.8136e+00	1.6542e+00
1.7143e+00	1.9800e-09	1.8135e+00	1.6543e+00
1.7081e+00	2.0100e-09	1.8092e+00	1.6549e+00
1.6406e+00	2.0450e-09	1.8036e+00	1.6557e+00
1.5545e+00			

1.5017e+00	2.0650e-09	1.8001e+00	1.6561e+00
1.4322e+00	2.0900e-09	1.7953e+00	1.6567e+00
1.3737e+00	2.1100e-09	1.7913e+00	1.6572e+00
1.2970e+00	2.1350e-09	1.7859e+00	1.6579e+00
1.2163e+00	2.1600e-09	1.7801e+00	1.6585e+00
1.1316e+00	2.1850e-09	1.7739e+00	1.6592e+00
1.0428e+00	2.2100e-09	1.7674e+00	1.6599e+00
9.3178e-01	2.2400e-09	1.7590e+00	1.6608e+00
7.3219e-01	2.3050e-09	1.7392e+00	1.6629e+00
5.3056e-01	2.3700e-09	1.7168e+00	1.6651e+00
4.9398e-01	2.3850e-09	1.7113e+00	1.6657e+00
4.4833e-01	2.4050e-09	1.7037e+00	1.6664e+00
3.8650e-01	2.4350e-09	1.6919e+00	1.6675e+00
3.4972e-01	2.4550e-09	1.6837e+00	1.6683e+00
3.2447e-01	2.4700e-09	1.6775e+00	1.6689e+00
2.7996e-01	2.5000e-09	1.6645e+00	1.6701e+00
2.4759e-01	2.5250e-09	1.6444e+00	1.6711e+00
2.1549e-01	2.5550e-09	1.6187e+00	1.6723e+00
1.9323e-01	2.5800e-09	1.5887e+00	1.6732e+00
1.7860e-01	2.6000e-09	1.5607e+00	1.6739e+00
1.6948e-01	2.6150e-09	1.5373e+00	1.6744e+00
1.3874e-01	2.6750e-09	1.4327e+00	1.6762e+00
1.2747e-01	2.7000e-09	1.3863e+00	1.6769e+00
1.1783e-01	2.7250e-09	1.3372e+00	1.6776e+00
9.8285e-02	2.7900e-09	1.2009e+00	1.6792e+00
9.0249e-02	2.8300e-09	1.1171e+00	1.6799e+00

8.5460e-02	2.8700e-09	1.0310e+00	1.6805e+00
7.3556e-02	2.9500e-09	8.5156e-01	1.6810e+00
6.6996e-02	2.9950e-09	7.6507e-01	1.6811e+00
6.1762e-02	3.0350e-09	6.9196e-01	1.6806e+00
5.7222e-02	3.0750e-09	6.2239e-01	1.6764e+00
5.2832e-02	3.1200e-09	5.4836e-01	1.6701e+00
4.7573e-02	3.1850e-09	4.4945e-01	1.6582e+00
4.5349e-02	3.2150e-09	4.1077e-01	1.6517e+00
4.3024e-02	3.2500e-09	3.6927e-01	1.6431e+00
4.0988e-02	3.2850e-09	3.3167e-01	1.6335e+00
3.9160e-02	3.3200e-09	2.9796e-01	1.6230e+00
3.7495e-02	3.3550e-09	2.6816e-01	1.6115e+00
3.6051e-02	3.3900e-09	2.4226e-01	1.5990e+00
3.4370e-02	3.4400e-09	2.0881e-01	1.5776e+00
3.2664e-02	3.5050e-09	1.6857e-01	1.5441e+00
3.1467e-02	3.5550e-09	1.4346e-01	1.5152e+00
3.0521e-02	3.6050e-09	1.2342e-01	1.4835e+00
2.9618e-02	3.6750e-09	1.0391e-01	1.4345e+00
2.8892e-02	3.7450e-09	9.3897e-02	1.3801e+00
2.8143e-02	3.8200e-09	7.7307e-02	1.3157e+00
2.7647e-02	3.8900e-09	6.6309e-02	1.2501e+00
2.7309e-02	3.9750e-09	5.8778e-02	1.1751e+00
2.7037e-02	4.0550e-09	5.7525e-02	1.1027e+00
2.6709e-02	4.1300e-09	5.4979e-02	1.0317e+00
2.6444e-02	4.2050e-09	5.3425e-02	9.5777e-01
2.6240e-02	4.2800e-09	5.3850e-02	8.8090e-01

2.6099e-02	4.3550e-09	5.4082e-02	8.0107e-01
2.6019e-02	4.4300e-09	5.3082e-02	7.1829e-01
2.5937e-02	4.5150e-09	5.1937e-02	6.2134e-01
2.5750e-02	4.6150e-09	5.0492e-02	5.4386e-01
2.5579e-02	4.7200e-09	4.8811e-02	4.6950e-01
2.5441e-02	4.8200e-09	4.7127e-02	4.0533e-01
2.5323e-02	4.9250e-09	4.5485e-02	3.4494e-01
2.5263e-02	4.9900e-09	4.4484e-02	3.1115e-01
2.5214e-02	5.0550e-09	4.3494e-02	2.8010e-01
2.5117e-02	5.1950e-09	4.1592e-02	2.2174e-01
2.5050e-02	5.2600e-09	4.0876e-02	1.9845e-01
2.4986e-02	5.3250e-09	4.0230e-02	1.7776e-01
2.4924e-02	5.3900e-09	3.9654e-02	1.5966e-01
2.4865e-02	5.4550e-09	3.9148e-02	1.4417e-01
2.4803e-02	5.5250e-09	3.8666e-02	1.3040e-01
2.4745e-02	5.5950e-09	3.8186e-02	1.1964e-01
2.4689e-02	5.6650e-09	3.7761e-02	1.1190e-01
2.4632e-02	5.7400e-09	3.7366e-02	1.0674e-01
2.4495e-02	5.9400e-09	3.6615e-02	8.0197e-02
2.4408e-02	6.0900e-09	3.6167e-02	6.6704e-02
2.4302e-02	6.2450e-09	3.5684e-02	5.8540e-02
2.4224e-02	6.3650e-09	3.5372e-02	5.6253e-02
2.4122e-02	6.5300e-09	3.5031e-02	5.8855e-02
2.3961e-02	6.8150e-09	3.4572e-02	5.6126e-02
2.3809e-02	7.1200e-09	3.4020e-02	6.1697e-02
2.3531e-02	7.7100e-09	3.3203e-02	6.6593e-02

2.3156e-02	8.6650e-09	3.2039e-02	6.8444e-02
2.2629e-02	1.0545e-08	3.0349e-02	6.6078e-02
2.2189e-02	1.3395e-08	2.8685e-02	5.7076e-02
2.1984e-02	1.6045e-08	2.7706e-02	5.1394e-02
2.1784e-02	2.2820e-08	2.6462e-02	4.3676e-02
2.1741e-02	3.3615e-08	2.5810e-02	3.8128e-02
2.1735e-02	5.0000e-08	2.5632e-02	3.5264e-02
*****			
[Rising Waveform]			
ALVC244_OUT_18			
R_fixture = 1000			
C_fixture = 0			
L_fixture = 0			
V_fixture = 1.8			
V_fixture_min = 1.65			
V_fixture_max = 1.95			
	Time	V(typ)	V(min)
V(max)			
2.1734e-02	0.0000e+00	2.5603e-02	3.3904e-02
2.1641e-02	8.4500e-10	2.5510e-02	3.3859e-02
1.9035e-02	1.3950e-09	2.2569e-02	3.1281e-02
2.8598e-02	1.4650e-09	2.2054e-02	3.0862e-02
4.0382e-02	1.5350e-09	2.1506e-02	3.0421e-02
5.3313e-02	1.6000e-09	2.0970e-02	2.9994e-02
6.9381e-02	1.6700e-09	2.0361e-02	2.9513e-02
8.7671e-02	1.7400e-09	1.9720e-02	2.9012e-02
1.0818e-01	1.8100e-09	1.9047e-02	2.8491e-02
1.2922e-01	1.8750e-09	1.8393e-02	2.7987e-02
1.5401e-01	1.9450e-09	1.7659e-02	2.7426e-02

1.6045e-01	1.9500e-09	1.8231e-02	2.7437e-02
2.0190e-01	1.9700e-09	2.3075e-02	2.7732e-02
2.4587e-01	1.9900e-09	2.8267e-02	2.8058e-02
2.9236e-01	2.0100e-09	3.3806e-02	2.8414e-02
3.4138e-01	2.0300e-09	3.9693e-02	2.8800e-02
3.7980e-01	2.0450e-09	4.4337e-02	2.9110e-02
4.1965e-01	2.0600e-09	4.9176e-02	2.9437e-02
4.7498e-01	2.0800e-09	5.5932e-02	2.9898e-02
5.1814e-01	2.0950e-09	6.1228e-02	3.0265e-02
5.7790e-01	2.1150e-09	6.8593e-02	3.0779e-02
6.2437e-01	2.1300e-09	7.4345e-02	3.1185e-02
6.8854e-01	2.1500e-09	8.2319e-02	3.1753e-02
8.0693e-01	2.1850e-09	9.7109e-02	3.2819e-02
8.7805e-01	2.2050e-09	1.0604e-01	3.3470e-02
9.3305e-01	2.2200e-09	1.1296e-01	3.3977e-02
9.5118e-01	2.2250e-09	1.1586e-01	3.4151e-02
1.0541e+00	2.2550e-09	1.4450e-01	3.5229e-02
1.1246e+00	2.2750e-09	1.6555e-01	3.5985e-02
1.2147e+00	2.3000e-09	1.9406e-01	3.6973e-02
1.3258e+00	2.3300e-09	2.3150e-01	3.8221e-02
1.4403e+00	2.3600e-09	2.7245e-01	3.9537e-02
1.4564e+00	2.3650e-09	2.7962e-01	3.9763e-02
1.4977e+00	2.3800e-09	3.0171e-01	4.0453e-02
1.5489e+00	2.4000e-09	3.3252e-01	4.1398e-02
1.5958e+00	2.4200e-09	3.6490e-01	4.2373e-02
1.6383e+00	2.4400e-09	3.9885e-01	4.3379e-02

1.6673e+00	2.4550e-09	4.2533e-01	4.4153e-02
1.7102e+00	2.4800e-09	4.7143e-01	4.5482e-02
1.7396e+00	2.5000e-09	5.1006e-01	4.6578e-02
1.7678e+00	2.5200e-09	5.5618e-01	4.9995e-02
1.7925e+00	2.5400e-09	6.0467e-01	5.3603e-02
1.8236e+00	2.5700e-09	6.8079e-01	5.9702e-02
1.8487e+00	2.6000e-09	7.5986e-01	6.6990e-02
1.8617e+00	2.6200e-09	8.1455e-01	7.2402e-02
1.8730e+00	2.6400e-09	8.7077e-01	7.8257e-02
1.8882e+00	2.6700e-09	9.5143e-01	8.8258e-02
1.9009e+00	2.7050e-09	1.0456e+00	1.0151e-01
1.9150e+00	2.7650e-09	1.2069e+00	1.2810e-01
1.9203e+00	2.8000e-09	1.2838e+00	1.4683e-01
1.9234e+00	2.8350e-09	1.3531e+00	1.6881e-01
1.9269e+00	2.8700e-09	1.4149e+00	1.9329e-01
1.9290e+00	2.9000e-09	1.4619e+00	2.1628e-01
1.9303e+00	2.9250e-09	1.4968e+00	2.3684e-01
1.9334e+00	2.9750e-09	1.5603e+00	2.8182e-01
1.9352e+00	3.0100e-09	1.5985e+00	3.1621e-01
1.9368e+00	3.0450e-09	1.6307e+00	3.5139e-01
1.9384e+00	3.0800e-09	1.6569e+00	3.8860e-01
1.9396e+00	3.1100e-09	1.6747e+00	4.2210e-01
1.9412e+00	3.1550e-09	1.7034e+00	4.7513e-01
1.9425e+00	3.2000e-09	1.7266e+00	5.3151e-01
1.9438e+00	3.2450e-09	1.7443e+00	5.9123e-01
1.9449e+00	3.2900e-09	1.7564e+00	6.5429e-01



1.9452e+00	3.3050e-09	1.7592e+00	6.7605e-01
1.9460e+00	3.3450e-09	1.7636e+00	7.2682e-01
1.9469e+00	3.4100e-09	1.7767e+00	8.0996e-01
1.9476e+00	3.4750e-09	1.7854e+00	8.9428e-01
1.9482e+00	3.5250e-09	1.7888e+00	9.5993e-01
1.9486e+00	3.5800e-09	1.7892e+00	1.0330e+00
1.9492e+00	3.6900e-09	1.7943e+00	1.1814e+00
1.9493e+00	3.7250e-09	1.7951e+00	1.2166e+00
1.9494e+00	3.7650e-09	1.7956e+00	1.2547e+00
1.9496e+00	3.8000e-09	1.7955e+00	1.2862e+00
1.9497e+00	3.8400e-09	1.7956e+00	1.3199e+00
1.9498e+00	3.9100e-09	1.7965e+00	1.3734e+00
1.9499e+00	3.9500e-09	1.7968e+00	1.4007e+00
1.9499e+00	3.9850e-09	1.7970e+00	1.4227e+00
1.9499e+00	4.0300e-09	1.7971e+00	1.4484e+00
1.9500e+00	4.1050e-09	1.7974e+00	1.4869e+00
1.9500e+00	4.1450e-09	1.7976e+00	1.5061e+00
1.9501e+00	4.1900e-09	1.7978e+00	1.5256e+00
1.9501e+00	4.2350e-09	1.7981e+00	1.5429e+00
1.9501e+00	4.2800e-09	1.7982e+00	1.5578e+00
1.9501e+00	4.3250e-09	1.7984e+00	1.5705e+00
1.9501e+00	4.3750e-09	1.7986e+00	1.5820e+00
1.9501e+00	4.4550e-09	1.7989e+00	1.5944e+00
1.9501e+00	4.5250e-09	1.7991e+00	1.6089e+00
1.9501e+00	4.5900e-09	1.7993e+00	1.6202e+00
1.9501e+00	4.6550e-09	1.7995e+00	1.6295e+00
1.9502e+00			

1.9502e+00	4.7200e-09	1.7996e+00	1.6365e+00
1.9502e+00	4.8250e-09	1.7999e+00	1.6434e+00
1.9501e+00	4.8850e-09	1.7999e+00	1.6448e+00
1.9501e+00	4.9500e-09	1.8000e+00	1.6442e+00
1.9501e+00	5.1450e-09	1.8002e+00	1.6526e+00
1.9501e+00	5.3050e-09	1.8002e+00	1.6547e+00
1.9501e+00	5.4450e-09	1.8003e+00	1.6531e+00
1.9501e+00	5.7100e-09	1.8002e+00	1.6540e+00
1.9500e+00	6.6950e-09	1.8000e+00	1.6508e+00
1.9500e+00	8.5050e-09	1.8000e+00	1.6500e+00
1.9500e+00	5.0000e-08	1.8000e+00	1.6500e+00

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[Falling Waveform]

ALVC244\_OUT\_18

R\_fixture = 1000

C\_fixture = 0

L\_fixture = 0

V\_fixture = 0

V\_fixture\_min = 0

V\_fixture\_max = 0

	Time	V(typ)	V(min)
V(max)	0.0000e+00	1.7678e+00	1.5997e+00
1.9279e+00	2.1000e-10	1.7673e+00	1.5988e+00
1.9277e+00	9.3500e-10	1.7679e+00	1.6002e+00
1.9282e+00	1.4550e-09	1.7691e+00	1.6000e+00
1.9344e+00	1.5000e-09	1.7695e+00	1.6002e+00
1.9228e+00	1.5550e-09	1.7701e+00	1.6004e+00
1.9054e+00	1.6050e-09	1.7707e+00	1.6007e+00
1.8870e+00			

1.8662e+00	1.6550e-09	1.7713e+00	1.6010e+00
1.8429e+00	1.7050e-09	1.7720e+00	1.6013e+00
1.8171e+00	1.7550e-09	1.7728e+00	1.6016e+00
1.7889e+00	1.8050e-09	1.7736e+00	1.6020e+00
1.7582e+00	1.8550e-09	1.7745e+00	1.6025e+00
1.7181e+00	1.9150e-09	1.7757e+00	1.6030e+00
1.6745e+00	1.9750e-09	1.7770e+00	1.6036e+00
1.6680e+00	1.9800e-09	1.7768e+00	1.6037e+00
1.6216e+00	2.0000e-09	1.7732e+00	1.6039e+00
1.5851e+00	2.0150e-09	1.7704e+00	1.6040e+00
1.5209e+00	2.0400e-09	1.7653e+00	1.6043e+00
1.4384e+00	2.0700e-09	1.7586e+00	1.6046e+00
1.3499e+00	2.1000e-09	1.7513e+00	1.6049e+00
1.2716e+00	2.1250e-09	1.7447e+00	1.6051e+00
1.1721e+00	2.1550e-09	1.7362e+00	1.6054e+00
1.0847e+00	2.1800e-09	1.7286e+00	1.6057e+00
9.7420e-01	2.2100e-09	1.7189e+00	1.6061e+00
8.5858e-01	2.2400e-09	1.7086e+00	1.6064e+00
6.6061e-01	2.3050e-09	1.6841e+00	1.6072e+00
4.6450e-01	2.3700e-09	1.6566e+00	1.6080e+00
4.2935e-01	2.3850e-09	1.6498e+00	1.6082e+00
3.9634e-01	2.4000e-09	1.6429e+00	1.6084e+00
3.5562e-01	2.4200e-09	1.6334e+00	1.6086e+00
3.1867e-01	2.4400e-09	1.6236e+00	1.6089e+00
2.8551e-01	2.4600e-09	1.6136e+00	1.6092e+00
2.6311e-01	2.4750e-09	1.6058e+00	1.6094e+00

2.3051e-01	2.5000e-09	1.5926e+00	1.6097e+00
2.0175e-01	2.5250e-09	1.5659e+00	1.6099e+00
1.7416e-01	2.5550e-09	1.5316e+00	1.6102e+00
1.5323e-01	2.5800e-09	1.4955e+00	1.6102e+00
1.3522e-01	2.6050e-09	1.4542e+00	1.6101e+00
1.2582e-01	2.6200e-09	1.4268e+00	1.6100e+00
1.0875e-01	2.6500e-09	1.3688e+00	1.6096e+00
9.1226e-02	2.6850e-09	1.3004e+00	1.6091e+00
7.5533e-02	2.7250e-09	1.2167e+00	1.6082e+00
6.1936e-02	2.7700e-09	1.1156e+00	1.6069e+00
5.7128e-02	2.7900e-09	1.0722e+00	1.6062e+00
4.3949e-02	2.8700e-09	8.9443e-01	1.6021e+00
3.2112e-02	2.9500e-09	7.1000e-01	1.5964e+00
2.9098e-02	2.9750e-09	6.6183e-01	1.5943e+00
2.6416e-02	3.0000e-09	6.1563e-01	1.5920e+00
2.3634e-02	3.0300e-09	5.6282e-01	1.5891e+00
2.0448e-02	3.0700e-09	4.9686e-01	1.5800e+00
1.7799e-02	3.1050e-09	4.4330e-01	1.5704e+00
1.5800e-02	3.1350e-09	4.0049e-01	1.5610e+00
1.3782e-02	3.1700e-09	3.5416e-01	1.5488e+00
1.2229e-02	3.2000e-09	3.1764e-01	1.5372e+00
1.0545e-02	3.2350e-09	2.7882e-01	1.5223e+00
9.0932e-03	3.2700e-09	2.4395e-01	1.5060e+00
7.5688e-03	3.3150e-09	2.0494e-01	1.4829e+00
6.4127e-03	3.3600e-09	1.7246e-01	1.4575e+00
5.6063e-03	3.3900e-09	1.5445e-01	1.4393e+00

4.8954e-03	3.4200e-09	1.3934e-01	1.4204e+00
3.6831e-03	3.4850e-09	1.0277e-01	1.3778e+00
3.0558e-03	3.5350e-09	7.9789e-02	1.3422e+00
2.6434e-03	3.5800e-09	6.2962e-02	1.3081e+00
2.1396e-03	3.6250e-09	4.9791e-02	1.2720e+00
1.6876e-03	3.6750e-09	3.9444e-02	1.2296e+00
1.3211e-03	3.7300e-09	3.2903e-02	1.1801e+00
1.1790e-03	3.7600e-09	2.6798e-02	1.1519e+00
9.9938e-04	3.8400e-09	1.4137e-02	1.0722e+00
8.0674e-04	3.8850e-09	9.3292e-03	1.0251e+00
6.0814e-04	3.9400e-09	5.7149e-03	9.7455e-01
3.6635e-04	4.0350e-09	5.3107e-03	8.8536e-01
2.9658e-04	4.0800e-09	3.5600e-03	8.4224e-01
2.5992e-04	4.2150e-09	1.9326e-03	7.0953e-01
1.6813e-04	4.3500e-09	2.4841e-03	5.7180e-01
8.4330e-05	4.4850e-09	3.0145e-03	4.2905e-01
6.5420e-05	4.5450e-09	3.0698e-03	3.8552e-01
5.7793e-05	4.6050e-09	3.0050e-03	3.4491e-01
6.1449e-05	4.6650e-09	2.8890e-03	3.0722e-01
7.8144e-05	4.7300e-09	2.7113e-03	2.6967e-01
1.0531e-04	4.7900e-09	2.5550e-03	2.3804e-01
1.2470e-04	4.8500e-09	2.3736e-03	2.0932e-01
1.1834e-04	4.9100e-09	2.1673e-03	1.8352e-01
1.1356e-04	4.9700e-09	1.9361e-03	1.6062e-01
1.1059e-04	5.0250e-09	1.7022e-03	1.4220e-01
1.0952e-04	5.1850e-09	1.2493e-03	9.3501e-02

1.1232e-04	5.2500e-09	1.0893e-03	7.5923e-02
1.1742e-04	5.3200e-09	9.3020e-04	5.9573e-02
1.2981e-04	5.4300e-09	7.1124e-04	3.9288e-02
1.4754e-04	5.5400e-09	5.4619e-04	2.5611e-02
1.6270e-04	5.6150e-09	4.5865e-04	2.0074e-02
1.7075e-04	5.6900e-09	3.9137e-04	1.7531e-02
1.7408e-04	5.7850e-09	3.3524e-04	8.3444e-03
1.7698e-04	5.8750e-09	3.1205e-04	1.5599e-03
1.8099e-04	6.0150e-09	2.6070e-04	-5.2824e-03
1.8405e-04	6.1400e-09	2.1811e-04	-7.5736e-03
1.8709e-04	6.2900e-09	1.9308e-04	-5.5687e-03
1.9049e-04	6.5300e-09	2.1221e-04	-7.1705e-03
1.9854e-04	7.3850e-09	2.2996e-04	-1.0472e-03
1.7392e-04	8.6000e-09	2.4261e-04	3.3143e-04
3.5600e-07	5.0000e-08	2.8590e-06	4.3501e-05

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| \*\*\*\*\*  
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|  
[Model] ALVC244\_OUT\_25  
Model\_type 3-state  
Enable Active-Low  
Vref = 0  
Rref = 500  
Cref = 30p  
Vmeas = 1.25

variable	typ	min	max
C_comp	6.27pF	5.57pF	
7.18pF			
C_pullup	8.59pF	6.26pF	
10.00pF			
C_pulldown	11.89pF	0.71pF	
28.20pF			
C_tri-state	6.27pF	5.57pF	
7.18pF			

[Temperature Range]	40	100	-40
Ambient temperature	25	85	-40
[Voltage range]	2.5	2.3	2.7

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[GND Clamp]

ALVC244\_OUT\_25

	Voltage	I(typ)	I(min)
I(max)			
	-2.5000e+00	-3.9864e-01	-3.5506e-01 -
4.4237e-01	-2.4400e+00	-3.8411e-01	-3.4210e-01 -
4.2633e-01	-2.3750e+00	-3.6839e-01	-3.2809e-01 -
4.0899e-01	-2.3150e+00	-3.5392e-01	-3.1519e-01 -
3.9302e-01	-2.2550e+00	-3.3947e-01	-3.0231e-01 -
3.7707e-01	-2.2000e+00	-3.2626e-01	-2.9053e-01 -
3.6248e-01	-2.1450e+00	-3.1307e-01	-2.7878e-01 -
3.4792e-01	-2.0900e+00	-2.9992e-01	-2.6706e-01 -
3.3339e-01	-2.0350e+00	-2.8680e-01	-2.5537e-01 -
3.1889e-01	-1.9800e+00	-2.7372e-01	-2.4371e-01 -
3.0443e-01	-1.9300e+00	-2.6185e-01	-2.3314e-01 -
2.9131e-01	-1.8800e+00	-2.5002e-01	-2.2260e-01 -
2.7823e-01	-1.8300e+00	-2.3823e-01	-2.1210e-01 -
2.6518e-01	-1.7800e+00	-2.2648e-01	-2.0163e-01 -
2.5216e-01	-1.7350e+00	-2.1593e-01	-1.9224e-01 -
2.4048e-01	-1.6850e+00	-2.0426e-01	-1.8185e-01 -
2.2755e-01	-1.6400e+00	-1.9379e-01	-1.7254e-01 -
2.1594e-01	-1.5950e+00	-1.8336e-01	-1.6327e-01 -
2.0438e-01	-1.5500e+00	-1.7298e-01	-1.5404e-01 -
1.9285e-01			

1.8265e-01	-1.5100e+00	-1.6380e-01	-1.4587e-01	-
1.7248e-01	-1.4700e+00	-1.5465e-01	-1.3774e-01	-
1.6236e-01	-1.4300e+00	-1.4555e-01	-1.2966e-01	-
1.5354e-01	-1.3950e+00	-1.3763e-01	-1.2262e-01	-
1.4351e-01	-1.3550e+00	-1.2863e-01	-1.1463e-01	-
1.3478e-01	-1.3200e+00	-1.2079e-01	-1.0768e-01	-
1.2609e-01	-1.2850e+00	-1.1301e-01	-1.0078e-01	-
1.1746e-01	-1.2500e+00	-1.0528e-01	-9.3923e-02	-
1.0888e-01	-1.2150e+00	-9.7611e-02	-8.7125e-02	-
1.0159e-01	-1.1850e+00	-9.1088e-02	-8.1346e-02	-
9.4347e-02	-1.1550e+00	-8.4619e-02	-7.5617e-02	-
8.7172e-02	-1.1250e+00	-7.8211e-02	-6.9942e-02	-
8.0075e-02	-1.0950e+00	-7.1870e-02	-6.4327e-02	-
7.4233e-02	-1.0700e+00	-6.6644e-02	-5.9699e-02	-
6.8469e-02	-1.0450e+00	-6.1480e-02	-5.5122e-02	-
6.3928e-02	-1.0250e+00	-5.7398e-02	-5.1502e-02	-
5.9464e-02	-1.0050e+00	-5.3365e-02	-4.7922e-02	-
5.7267e-02	-9.9500e-01	-5.1370e-02	-4.6148e-02	-
5.5097e-02	-9.8500e-01	-4.9389e-02	-4.4386e-02	-
5.1900e-02	-9.7000e-01	-4.6449e-02	-4.1766e-02	-
4.8788e-02	-9.5500e-01	-4.3550e-02	-3.9176e-02	-
4.6770e-02	-9.4500e-01	-4.1642e-02	-3.7467e-02	-
4.5781e-02	-9.4000e-01	-4.0697e-02	-3.6619e-02	-
4.3847e-02	-9.3000e-01	-3.8823e-02	-3.4933e-02	-
4.2905e-02	-9.2500e-01	-3.7895e-02	-3.4097e-02	-
4.1076e-02	-9.1500e-01	-3.6060e-02	-3.2437e-02	-



4.0192e-02	-9.1000e-01	-3.5153e-02	-3.1614e-02	-
3.8490e-02	-9.0000e-01	-3.3362e-02	-2.9982e-02	-
3.7675e-02	-8.9500e-01	-3.2478e-02	-2.9174e-02	-
3.6884e-02	-8.9000e-01	-3.1604e-02	-2.8371e-02	-
3.6119e-02	-8.8500e-01	-3.0739e-02	-2.7574e-02	-
3.5379e-02	-8.8000e-01	-2.9884e-02	-2.6782e-02	-
3.4664e-02	-8.7500e-01	-2.9039e-02	-2.5996e-02	-
3.3973e-02	-8.7000e-01	-2.8204e-02	-2.5216e-02	-
3.3305e-02	-8.6500e-01	-2.7381e-02	-2.4443e-02	-
3.2032e-02	-8.5500e-01	-2.5772e-02	-2.2917e-02	-
3.1424e-02	-8.5000e-01	-2.4987e-02	-2.2164e-02	-
3.0250e-02	-8.4000e-01	-2.3461e-02	-2.0682e-02	-
2.9123e-02	-8.3000e-01	-2.1996e-02	-1.9232e-02	-
2.8571e-02	-8.2500e-01	-2.1288e-02	-1.8521e-02	-
2.7487e-02	-8.1500e-01	-1.9927e-02	-1.7125e-02	-
2.6952e-02	-8.1000e-01	-1.9275e-02	-1.6442e-02	-
2.5891e-02	-8.0000e-01	-1.8029e-02	-1.5109e-02	-
2.4836e-02	-7.9000e-01	-1.6864e-02	-1.3821e-02	-
2.4311e-02	-7.8500e-01	-1.6312e-02	-1.3195e-02	-
2.3262e-02	-7.7500e-01	-1.5269e-02	-1.1984e-02	-
2.2213e-02	-7.6500e-01	-1.4302e-02	-1.0829e-02	-
2.1689e-02	-7.6000e-01	-1.3846e-02	-1.0273e-02	-
2.0639e-02	-7.5000e-01	-1.2982e-02	-9.2108e-03	-
1.9590e-02	-7.4000e-01	-1.2177e-02	-8.2149e-03	-
1.9066e-02	-7.3500e-01	-1.1794e-02	-7.7430e-03	-
1.8018e-02	-7.2500e-01	-1.1061e-02	-6.8529e-03	-

1.6974e-02	-7.1500e-01	-1.0365e-02	-6.0356e-03	-
1.5935e-02	-7.0500e-01	-9.6996e-03	-5.2912e-03	-
1.4905e-02	-6.9500e-01	-9.0605e-03	-4.6182e-03	-
1.4394e-02	-6.9000e-01	-8.7494e-03	-4.3076e-03	-
1.3382e-02	-6.8000e-01	-8.1419e-03	-3.7355e-03	-
1.2387e-02	-6.7000e-01	-7.5524e-03	-3.2246e-03	-
1.1896e-02	-6.6500e-01	-7.2638e-03	-2.9904e-03	-
1.0930e-02	-6.5500e-01	-6.6984e-03	-2.5608e-03	-
9.9862e-03	-6.4500e-01	-6.1480e-03	-2.1783e-03	-
8.6193e-03	-6.3000e-01	-5.3500e-03	-1.6818e-03	-
7.7433e-03	-6.2000e-01	-4.8366e-03	-1.3961e-03	-
6.4878e-03	-6.0500e-01	-4.0955e-03	-1.0278e-03	-
5.6930e-03	-5.9500e-01	-3.6219e-03	-8.1947e-04	-
4.9346e-03	-5.8500e-01	-3.1658e-03	-6.3950e-04	-
4.2153e-03	-5.7500e-01	-2.7285e-03	-4.8753e-04	-
3.5378e-03	-5.6500e-01	-2.3118e-03	-3.6377e-04	-
2.9052e-03	-5.5500e-01	-1.9175e-03	-2.6901e-04	-
2.3212e-03	-5.4500e-01	-1.5483e-03	-2.0459e-04	-
1.7896e-03	-5.3500e-01	-1.2071e-03	-1.7238e-04	-
1.3152e-03	-5.2500e-01	-8.9781e-04	-1.5496e-04	-
9.0336e-04	-5.1500e-01	-6.2511e-04	-1.3927e-04	-
7.2286e-04	-5.1000e-01	-5.0423e-04	-1.3202e-04	-
4.1723e-04	-5.0000e-01	-2.9755e-04	-1.1851e-04	-
1.9250e-04	-4.9000e-01	-1.4410e-04	-1.0615e-04	-
5.8817e-05	-4.8000e-01	-5.2885e-05	-9.4772e-05	-
2.9910e-05	-4.7500e-01	-3.3837e-05	-8.9408e-05	-

	-3.8000e-01	-1.9514e-06	-2.0012e-05	-
6.5334e-07				
	-2.7000e-01	-7.0161e-08	-1.0560e-06	-
8.1893e-09				
	2.5000e+00	9.9578e-11	1.0719e-07	
1.3277e-11				
	*****			
	*****			
[POWER Clamp]				
ALVC244_OUT_25				
	Voltage	I (typ)	I (min)	
I (max)				
	-2.5000e+00	9.1015e-02	6.1455e-02	
1.3546e-01				
	-2.4700e+00	8.8794e-02	5.9838e-02	
1.3245e-01				
	-2.4400e+00	8.6584e-02	5.8231e-02	
1.2945e-01				
	-2.3850e+00	8.2564e-02	5.5310e-02	
1.2399e-01				
	-2.3300e+00	7.8587e-02	5.2425e-02	
1.1858e-01				
	-2.3050e+00	7.6793e-02	5.1126e-02	
1.1614e-01				
	-2.2750e+00	7.4654e-02	4.9578e-02	
1.1322e-01				
	-2.2250e+00	7.1119e-02	4.7023e-02	
1.0839e-01				
	-2.2000e+00	6.9367e-02	4.5759e-02	
1.0600e-01				
	-2.1700e+00	6.7278e-02	4.4253e-02	
1.0314e-01				
	-2.1200e+00	6.3831e-02	4.1772e-02	
9.8411e-02				
	-2.0950e+00	6.2125e-02	4.0546e-02	
9.6067e-02				
	-2.0700e+00	6.0430e-02	3.9330e-02	
9.3735e-02				
	-2.0450e+00	5.8746e-02	3.8123e-02	
9.1417e-02				
	-2.0200e+00	5.7075e-02	3.6927e-02	
8.9113e-02				
	-1.9950e+00	5.5417e-02	3.5741e-02	
8.6822e-02				
	-1.9700e+00	5.3771e-02	3.4566e-02	
8.4546e-02				
	-1.9450e+00	5.2138e-02	3.3402e-02	
8.2285e-02				

8.0039e-02	-1.9200e+00	5.0519e-02	3.2250e-02
7.6035e-02	-1.8750e+00	4.7639e-02	3.0206e-02
7.3834e-02	-1.8500e+00	4.6060e-02	2.9087e-02
7.1649e-02	-1.8250e+00	4.4495e-02	2.7981e-02
6.9480e-02	-1.8000e+00	4.2945e-02	2.6888e-02
6.7758e-02	-1.7800e+00	4.1717e-02	2.6023e-02
6.5622e-02	-1.7550e+00	4.0196e-02	2.4954e-02
6.3926e-02	-1.7350e+00	3.8991e-02	2.4109e-02
6.1823e-02	-1.7100e+00	3.7500e-02	2.3066e-02
6.0155e-02	-1.6900e+00	3.6320e-02	2.2242e-02
5.8086e-02	-1.6650e+00	3.4860e-02	2.1226e-02
5.6446e-02	-1.6450e+00	3.3706e-02	2.0424e-02
5.4415e-02	-1.6200e+00	3.2279e-02	1.9436e-02
5.2805e-02	-1.6000e+00	3.1152e-02	1.8658e-02
5.0812e-02	-1.5750e+00	2.9760e-02	1.7700e-02
4.9233e-02	-1.5550e+00	2.8661e-02	1.6946e-02
4.7669e-02	-1.5350e+00	2.7576e-02	1.6203e-02
4.6120e-02	-1.5150e+00	2.6504e-02	1.5473e-02
4.4586e-02	-1.4950e+00	2.5446e-02	1.4754e-02
4.3068e-02	-1.4750e+00	2.4402e-02	1.4047e-02
4.1565e-02	-1.4550e+00	2.3372e-02	1.3354e-02
4.0078e-02	-1.4350e+00	2.2358e-02	1.2673e-02
3.8609e-02	-1.4150e+00	2.1358e-02	1.2005e-02
3.7156e-02	-1.3950e+00	2.0375e-02	1.1351e-02
3.5720e-02	-1.3750e+00	1.9407e-02	1.0710e-02
3.4303e-02	-1.3550e+00	1.8456e-02	1.0084e-02

3.2903e-02	-1.3350e+00	1.7522e-02	9.4731e-03
3.1522e-02	-1.3150e+00	1.6604e-02	8.8769e-03
3.0161e-02	-1.2950e+00	1.5705e-02	8.2963e-03
2.9152e-02	-1.2800e+00	1.5043e-02	7.8712e-03
2.7825e-02	-1.2600e+00	1.4175e-02	7.3187e-03
2.6518e-02	-1.2400e+00	1.3327e-02	6.7829e-03
2.5233e-02	-1.2200e+00	1.2499e-02	6.2644e-03
2.4282e-02	-1.2050e+00	1.1891e-02	5.8870e-03
2.3034e-02	-1.1850e+00	1.1098e-02	5.3997e-03
2.1809e-02	-1.1650e+00	1.0326e-02	4.9310e-03
2.0607e-02	-1.1450e+00	9.5760e-03	4.4815e-03
1.9720e-02	-1.1300e+00	9.0280e-03	4.1572e-03
1.8560e-02	-1.1100e+00	8.3174e-03	3.7426e-03
1.7705e-02	-1.0950e+00	7.7999e-03	3.4452e-03
1.6588e-02	-1.0750e+00	7.1308e-03	3.0674e-03
1.5767e-02	-1.0600e+00	6.6452e-03	2.7983e-03
1.4961e-02	-1.0450e+00	6.1737e-03	2.5419e-03
1.4170e-02	-1.0300e+00	5.7168e-03	2.2984e-03
1.2887e-02	-1.0050e+00	4.9886e-03	1.9221e-03
1.2138e-02	-9.9000e-01	4.5721e-03	1.7146e-03
1.1405e-02	-9.7500e-01	4.1714e-03	1.5213e-03
1.0222e-02	-9.5000e-01	3.5399e-03	1.2313e-03
9.5345e-03	-9.3500e-01	3.1833e-03	1.0773e-03
8.8649e-03	-9.2000e-01	2.8441e-03	9.3883e-04
7.7893e-03	-8.9500e-01	2.3183e-03	7.4349e-04
6.7656e-03	-8.7000e-01	1.8439e-03	5.9426e-04

6.1772e-03	-8.5500e-01	1.5849e-03	5.2772e-04
5.7959e-03	-8.4500e-01	1.4233e-03	4.9324e-04
5.2409e-03	-8.3000e-01	1.1978e-03	4.5671e-04
4.8824e-03	-8.2000e-01	1.0590e-03	4.4213e-04
4.3621e-03	-8.0500e-01	8.6858e-04	4.2086e-04
4.0272e-03	-7.9500e-01	7.5375e-04	4.0738e-04
3.5431e-03	-7.8000e-01	6.0018e-04	3.8801e-04
3.2329e-03	-7.7000e-01	5.1057e-04	3.7556e-04
2.7867e-03	-7.5500e-01	3.9584e-04	3.5744e-04
2.5023e-03	-7.4500e-01	3.3283e-04	3.4566e-04
2.0960e-03	-7.3000e-01	2.5916e-04	3.2838e-04
1.8392e-03	-7.2000e-01	2.2434e-04	3.1707e-04
1.4763e-03	-7.0500e-01	1.9426e-04	3.0039e-04
1.2502e-03	-6.9500e-01	1.8032e-04	2.8942e-04
1.0379e-03	-6.8500e-01	1.6698e-04	2.7858e-04
8.4080e-04	-6.7500e-01	1.5444e-04	2.6783e-04
6.6058e-04	-6.6500e-01	1.4255e-04	2.5719e-04
4.9924e-04	-6.5500e-01	1.3124e-04	2.4665e-04
2.9705e-04	-6.4000e-01	1.1519e-04	2.3100e-04
1.4776e-04	-6.2500e-01	1.0010e-04	2.1556e-04
7.9633e-05	-6.1500e-01	9.0530e-05	2.0539e-04
5.5289e-05	-6.1000e-01	8.5887e-05	2.0033e-04
2.6366e-05	-6.0000e-01	7.6886e-05	1.9030e-04
2.1887e-05	-5.9500e-01	7.2529e-05	1.8532e-04
5.5670e-06	-5.6000e-01	4.4934e-05	1.5121e-04
4.1628e-07	-4.9500e-01	1.1240e-05	9.2468e-05

2.5574e-08	-4.2500e-01	1.1507e-06	4.0584e-05
2.3581e-09	-3.6500e-01	1.2999e-07	1.2928e-05
9.6264e-11	-2.8000e-01	5.8525e-09	1.2479e-06
1.4818e-11	-3.1154e-14	9.9579e-11	5.1939e-10
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[ Pulldown]			
ALVC244_OUT_25			
I (max)	Voltage	I (typ)	I (min)
1.2148e-01	-2.5000e+00	-1.0569e-01	-7.9858e-02 -
1.1672e-01	-2.3200e+00	-1.0182e-01	-7.7217e-02 -
1.1191e-01	-2.1450e+00	-9.7885e-02	-7.4495e-02 -
1.0719e-01	-1.9800e+00	-9.3988e-02	-7.1773e-02 -
1.0255e-01	-1.8250e+00	-9.0144e-02	-6.9057e-02 -
9.8470e-02	-1.6950e+00	-8.6764e-02	-6.6645e-02 -
9.4662e-02	-1.5800e+00	-8.3639e-02	-6.4393e-02 -
8.9737e-02	-1.4400e+00	-7.9637e-02	-6.1478e-02 -
8.4813e-02	-1.3050e+00	-7.5535e-02	-5.8452e-02 -
8.0326e-02	-1.1850e+00	-7.1645e-02	-5.5544e-02 -
7.5903e-02	-1.0700e+00	-6.7646e-02	-5.2517e-02 -
7.3740e-02	-1.0150e+00	-6.5619e-02	-5.0969e-02 -
7.1745e-02	-9.6500e-01	-6.3701e-02	-4.9495e-02 -
6.9726e-02	-9.1500e-01	-6.1705e-02	-4.7948e-02 -
6.7690e-02	-8.6500e-01	-5.9629e-02	-4.6319e-02 -
6.5857e-02	-8.2000e-01	-5.7691e-02	-4.4771e-02 -
6.4242e-02	-7.8000e-01	-5.5910e-02	-4.3320e-02 -

6.2650e-02	-7.4000e-01	-5.4067e-02	-4.1787e-02	-
6.1055e-02	-7.0000e-01	-5.2155e-02	-4.0159e-02	-
5.9370e-02	-6.6000e-01	-5.0159e-02	-3.8418e-02	-
5.7738e-02	-6.2500e-01	-4.8330e-02	-3.6786e-02	-
5.6173e-02	-5.9500e-01	-4.6688e-02	-3.5289e-02	-
5.4418e-02	-5.6500e-01	-4.4959e-02	-3.3683e-02	-
5.2776e-02	-5.4000e-01	-4.3431e-02	-3.2244e-02	-
5.1321e-02	-5.2000e-01	-4.2134e-02	-3.1038e-02	-
4.9713e-02	-5.0000e-01	-4.0745e-02	-2.9830e-02	-
4.7914e-02	-4.8000e-01	-3.9233e-02	-2.8622e-02	-
2.0432e-02	-2.0500e-01	-1.6672e-02	-1.2109e-02	-
3.9735e-03	4.0000e-02	3.2301e-03	2.3333e-03	
1.1864e-02	1.2000e-01	9.6134e-03	6.9215e-03	
1.9193e-02	1.9500e-01	1.5505e-02	1.1128e-02	
2.6938e-02	2.7500e-01	2.1690e-02	1.5512e-02	
3.4129e-02	3.5000e-01	2.7390e-02	1.9522e-02	
4.3136e-02	4.4500e-01	3.4469e-02	2.4454e-02	
5.1560e-02	5.3500e-01	4.1024e-02	2.8968e-02	
5.9873e-02	6.2500e-01	4.7423e-02	3.3319e-02	
6.7619e-02	7.1000e-01	5.3317e-02	3.7271e-02	
7.5257e-02	7.9500e-01	5.9058e-02	4.1061e-02	
8.2783e-02	8.8000e-01	6.4639e-02	4.4679e-02	
8.9758e-02	9.6000e-01	6.9737e-02	4.7919e-02	
9.6626e-02	1.0400e+00	7.4678e-02	5.0988e-02	
9.8325e-02	1.0600e+00	7.5888e-02	5.1688e-02	
9.8748e-02	1.0650e+00	7.6188e-02	5.4107e-02	



9.9172e-02	1.0700e+00	7.6488e-02	5.7055e-02
9.9595e-02	1.0750e+00	7.6788e-02	6.2315e-02
1.0002e-01	1.0800e+00	7.7087e-02	6.3383e-02
1.0547e-01	1.1450e+00	8.0910e-02	6.6157e-02
1.0795e-01	1.1750e+00	8.2589e-02	6.7379e-02
1.0837e-01	1.1800e+00	8.2812e-02	6.7580e-02
1.0878e-01	1.1850e+00	8.3130e-02	6.7779e-02
1.0919e-01	1.1900e+00	8.6347e-02	6.7978e-02
1.0960e-01	1.1950e+00	9.0370e-02	6.8176e-02
1.1001e-01	1.2000e+00	9.2346e-02	6.8372e-02
1.1042e-01	1.2050e+00	1.0082e-01	6.8568e-02
1.1083e-01	1.2100e+00	1.0224e-01	6.8762e-02
1.1450e-01	1.2550e+00	1.0527e-01	7.0470e-02
1.1853e-01	1.3050e+00	1.0853e-01	7.2271e-02
1.1927e-01	1.3150e+00	1.0917e-01	7.2619e-02
1.2025e-01	1.3300e+00	1.1013e-01	7.3133e-02
1.2589e-01	1.3350e+00	1.1044e-01	7.3302e-02
1.2952e-01	1.3400e+00	1.1076e-01	7.3470e-02
1.3151e-01	1.3450e+00	1.1107e-01	7.3637e-02
1.3586e-01	1.3500e+00	1.1139e-01	7.3802e-02
1.4094e-01	1.3550e+00	1.1170e-01	7.3967e-02
1.4711e-01	1.3600e+00	1.1201e-01	7.4131e-02
1.4897e-01	1.3650e+00	1.1232e-01	7.4293e-02
1.5606e-01	1.4400e+00	1.1686e-01	7.6593e-02
1.6297e-01	1.5150e+00	1.2117e-01	7.8625e-02
1.6972e-01	1.5900e+00	1.2522e-01	8.0367e-02

1.7586e-01	1.6600e+00	1.2877e-01	8.1712e-02
1.8185e-01	1.7300e+00	1.3207e-01	8.2765e-02
1.8726e-01	1.7950e+00	1.3489e-01	8.3460e-02
1.9051e-01	1.8350e+00	1.3652e-01	8.3742e-02
1.9331e-01	1.8700e+00	1.3786e-01	8.3893e-02
1.9607e-01	1.9050e+00	1.3912e-01	8.3993e-02
1.9878e-01	1.9400e+00	1.4031e-01	8.4091e-02
2.0330e-01	2.0000e+00	1.4216e-01	8.4258e-02
2.0767e-01	2.0600e+00	1.4375e-01	8.4423e-02
2.1189e-01	2.1200e+00	1.4508e-01	8.4586e-02
2.1560e-01	2.1750e+00	1.4603e-01	8.4733e-02
2.1789e-01	2.2100e+00	1.4650e-01	8.4826e-02
2.2011e-01	2.2450e+00	1.4686e-01	8.4918e-02
2.2196e-01	2.2750e+00	1.4707e-01	8.4997e-02
2.2435e-01	2.3150e+00	1.4725e-01	8.5101e-02
2.2804e-01	2.3800e+00	1.4752e-01	8.5269e-02
2.3147e-01	2.4450e+00	1.4778e-01	8.5434e-02
2.3438e-01	2.5050e+00	1.4802e-01	8.5585e-02
2.3704e-01	2.5650e+00	1.4825e-01	8.5735e-02
2.3922e-01	2.6200e+00	1.4847e-01	8.5871e-02
2.4115e-01	2.6750e+00	1.4868e-01	8.6005e-02
2.4281e-01	2.7300e+00	1.4889e-01	8.6138e-02
2.4359e-01	2.7600e+00	1.4900e-01	8.6210e-02
2.4417e-01	2.7850e+00	1.4910e-01	8.6270e-02
2.4512e-01	2.8350e+00	1.4929e-01	8.6389e-02
2.4578e-01	2.8850e+00	1.4947e-01	8.6507e-02

2.4602e-01	2.9150e+00	1.4958e-01	8.6578e-02
2.4808e-01	3.2650e+00	1.5084e-01	8.7377e-02
2.5114e-01	3.8250e+00	1.5273e-01	8.8579e-02
2.5404e-01	4.3950e+00	1.5452e-01	8.9722e-02
2.5691e-01	5.0000e+00	1.5631e-01	9.0864e-02
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[Pullup]			
ALVC244_OUT_25			
	Voltage	I(typ)	I(min)
I(max)			
	-2.5000e+00	1.3234e-01	9.5071e-02
1.7804e-01	-2.3850e+00	1.3013e-01	9.3553e-02
1.7487e-01	-2.3250e+00	1.2892e-01	9.2710e-02
1.7313e-01	-2.2700e+00	1.2776e-01	9.1904e-02
1.7149e-01	-2.2150e+00	1.2656e-01	9.1064e-02
1.6980e-01	-2.1600e+00	1.2531e-01	9.0188e-02
1.6805e-01	-2.1050e+00	1.2402e-01	8.9274e-02
1.6624e-01	-2.0550e+00	1.2280e-01	8.8407e-02
1.6455e-01	-2.0050e+00	1.2154e-01	8.7506e-02
1.6280e-01	-1.9550e+00	1.2023e-01	8.6567e-02
1.6100e-01	-1.9050e+00	1.1887e-01	8.5589e-02
1.5914e-01	-1.8550e+00	1.1746e-01	8.4569e-02
1.5722e-01	-1.8050e+00	1.1600e-01	8.3505e-02
1.5524e-01	-1.7600e+00	1.1463e-01	8.2507e-02
1.5340e-01	-1.7100e+00	1.1306e-01	8.1351e-02
1.5128e-01	-1.6650e+00	1.1158e-01	8.0265e-02
1.4931e-01			

1.4728e-01	-1.6200e+00	1.1006e-01	7.9135e-02
1.4519e-01	-1.5750e+00	1.0847e-01	7.7957e-02
1.4302e-01	-1.5300e+00	1.0683e-01	7.6728e-02
1.4103e-01	-1.4900e+00	1.0531e-01	7.5591e-02
1.3873e-01	-1.4450e+00	1.0354e-01	7.4259e-02
1.3661e-01	-1.4050e+00	1.0191e-01	7.3024e-02
1.3442e-01	-1.3650e+00	1.0021e-01	7.1739e-02
1.3216e-01	-1.3250e+00	9.8458e-02	7.0402e-02
1.2983e-01	-1.2850e+00	9.6637e-02	6.9009e-02
1.2742e-01	-1.2450e+00	9.4747e-02	6.7557e-02
1.2493e-01	-1.2050e+00	9.2783e-02	6.6043e-02
1.2269e-01	-1.1700e+00	9.1001e-02	6.4663e-02
1.2003e-01	-1.1300e+00	8.8888e-02	6.3020e-02
1.1763e-01	-1.0950e+00	8.6969e-02	6.1522e-02
1.1516e-01	-1.0600e+00	8.4980e-02	5.9964e-02
1.1260e-01	-1.0250e+00	8.2917e-02	5.8342e-02
1.0881e-01	-9.7500e-01	7.9834e-02	5.5907e-02
1.0523e-01	-9.3000e-01	7.6913e-02	5.3587e-02
1.0150e-01	-8.8500e-01	7.3841e-02	5.1136e-02
9.7591e-02	-8.4000e-01	7.0607e-02	4.8543e-02
9.5341e-02	-8.1500e-01	6.8735e-02	4.7039e-02
9.3497e-02	-7.9500e-01	6.7195e-02	4.5831e-02
8.9685e-02	-7.5500e-01	6.4000e-02	4.3416e-02
8.7711e-02	-7.3500e-01	6.2340e-02	4.2210e-02
8.5686e-02	-7.1500e-01	6.0636e-02	4.1005e-02
8.2004e-02	-6.8000e-01	5.7586e-02	3.8901e-02

7.9802e-02	-6.6000e-01	5.5840e-02	3.7701e-02
7.8097e-02	-6.4500e-01	5.4529e-02	3.6802e-02
7.6340e-02	-6.3000e-01	5.3218e-02	3.5904e-02
7.4531e-02	-6.1500e-01	5.1906e-02	3.5007e-02
7.2667e-02	-6.0000e-01	5.0593e-02	3.4112e-02
6.1938e-02	-5.1500e-01	4.3136e-02	2.9056e-02
5.3211e-02	-4.4500e-01	3.6976e-02	2.4916e-02
4.3365e-02	-3.6500e-01	3.0021e-02	2.0204e-02
3.3647e-02	-2.8500e-01	2.3204e-02	1.5548e-02
2.4052e-02	-2.0500e-01	1.6523e-02	1.1011e-02
1.5168e-02	-1.3000e-01	1.0382e-02	6.8822e-03
5.8055e-03	-5.0000e-02	3.9584e-03	2.6094e-03
3.4493e-03	3.0000e-02	-2.3424e-03	-1.5355e-03 -
9.0756e-03	8.0000e-02	-6.1486e-03	-4.0161e-03 -
1.4568e-02	1.3000e-01	-9.8447e-03	-6.4078e-03 -
2.0460e-02	1.8500e-01	-1.3788e-02	-8.9403e-03 -
2.5681e-02	2.3500e-01	-1.7263e-02	-1.1154e-02 -
3.1275e-02	2.9000e-01	-2.0964e-02	-1.3493e-02 -
3.6224e-02	3.4000e-01	-2.4219e-02	-1.5530e-02 -
4.1045e-02	3.9000e-01	-2.7369e-02	-1.7484e-02 -
4.5737e-02	4.4000e-01	-3.0414e-02	-1.9354e-02 -
5.0748e-02	4.9500e-01	-3.3642e-02	-2.1314e-02 -
5.6038e-02	5.5500e-01	-3.7020e-02	-2.3337e-02 -
6.1141e-02	6.1500e-01	-4.0247e-02	-2.5239e-02 -
6.6059e-02	6.7500e-01	-4.3322e-02	-2.7020e-02 -
7.0404e-02	7.3000e-01	-4.6010e-02	-2.8547e-02 -

7.4966e-02	7.9000e-01	-4.8796e-02 -3.0097e-02 -
7.9343e-02	8.5000e-01	-5.1433e-02 -3.1526e-02 -
8.3534e-02	9.1000e-01	-5.3918e-02 -3.2834e-02 -
8.7539e-02	9.7000e-01	-5.6253e-02 -3.4022e-02 -
9.1048e-02	1.0250e+00	-5.8261e-02 -3.5005e-02 -
9.4698e-02	1.0850e+00	-6.0307e-02 -3.5962e-02 -
9.8163e-02	1.1450e+00	-6.2202e-02 -3.6798e-02 -
1.0144e-01	1.2050e+00	-6.3948e-02 -3.7514e-02 -
1.0454e-01	1.2650e+00	-6.5542e-02 -3.8110e-02 -
1.0745e-01	1.3250e+00	-6.6987e-02 -3.8585e-02 -
1.0995e-01	1.3800e+00	-6.8178e-02 -3.8914e-02 -
1.1167e-01	1.4200e+00	-6.8966e-02 -3.9091e-02 -
1.1332e-01	1.4600e+00	-6.9687e-02 -3.9214e-02 -
1.1487e-01	1.5000e+00	-7.0340e-02 -3.9283e-02 -
1.1617e-01	1.5350e+00	-7.0858e-02 -3.9367e-02 -
1.1758e-01	1.5750e+00	-7.1387e-02 -3.9486e-02 -
1.1890e-01	1.6150e+00	-7.1849e-02 -3.9605e-02 -
1.1999e-01	1.6500e+00	-7.2198e-02 -3.9710e-02 -
1.2116e-01	1.6900e+00	-7.2535e-02 -3.9829e-02 -
1.2225e-01	1.7300e+00	-7.2805e-02 -3.9948e-02 -
1.2325e-01	1.7700e+00	-7.3009e-02 -4.0066e-02 -
1.2417e-01	1.8100e+00	-7.3146e-02 -4.0185e-02 -
1.2501e-01	1.8500e+00	-7.3230e-02 -4.0304e-02 -
1.2577e-01	1.8900e+00	-7.3440e-02 -4.0422e-02 -
1.2645e-01	1.9300e+00	-7.3650e-02 -4.0541e-02 -
1.2697e-01	1.9650e+00	-7.3833e-02 -4.0645e-02 -

1.2750e-01	2.0050e+00	-7.4043e-02	-4.0763e-02	-
1.2804e-01	2.0550e+00	-7.4305e-02	-4.0911e-02	-
1.2845e-01	2.1050e+00	-7.4567e-02	-4.1059e-02	-
1.2873e-01	2.1550e+00	-7.4829e-02	-4.1206e-02	-
1.2893e-01	2.2150e+00	-7.5143e-02	-4.1383e-02	-
1.5360e-01	5.0000e+00	-8.9665e-02	-4.9554e-02	-

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[Ramp]

| ALVC244\_OUT\_25

variable	typ	min	max
dV/dt_r	1.47/4.02E-10	1.34/4.95E-10	1.60/2.86E-10
dV/dt_f	1.47/4.32E-10	1.34/5.72E-10	1.59/3.13E-10

R\_load = 500

[Rising Waveform]

| ALVC244\_OUT\_25

R\_fixture = 500

C\_fixture = 0

L\_fixture = 0

V\_fixture = 0

V\_fixture\_min = 0

V\_fixture\_max = 0

	Time	V(typ)	V(min)
V(max)			
	0.0000e+00	6.0075e-11	3.6076e-09
4.8123e-11	8.1500e-10	-6.8739e-04	-2.7589e-04
8.0206e-04	1.1850e-09	-4.8607e-03	-3.7237e-03
3.6441e-03	1.3700e-09	-8.2371e-03	-7.5461e-03
5.8269e-03	1.3800e-09	-7.9201e-03	-7.7965e-03
3.8808e-03	1.4350e-09	1.7706e-03	-9.2473e-03
1.2768e-02	1.5100e-09	1.7960e-02	-1.1426e-02
4.0271e-02	1.5850e-09	3.7583e-02	-1.3836e-02
7.3313e-02			

9.8417e-02	1.6350e-09	5.2572e-02	-1.5426e-02
1.0980e-01	1.6550e-09	5.8995e-02	-1.2839e-02
1.6213e-01	1.6800e-09	6.7367e-02	-9.2185e-03
2.2131e-01	1.7050e-09	7.6120e-02	-5.1688e-03
2.8733e-01	1.7300e-09	8.5255e-02	-6.8979e-04
3.4508e-01	1.7500e-09	9.2837e-02	3.2024e-03
3.6020e-01	1.7550e-09	9.8476e-02	4.2184e-03
4.3992e-01	1.7800e-09	1.3593e-01	9.5558e-03
4.9104e-01	1.7950e-09	1.6022e-01	1.2964e-02
5.4463e-01	1.8100e-09	1.8586e-01	1.6527e-02
6.3941e-01	1.8350e-09	2.3161e-01	2.2809e-02
6.9957e-01	1.8500e-09	2.6088e-01	2.6784e-02
7.6219e-01	1.8650e-09	2.9150e-01	3.0914e-02
8.1826e-01	1.8750e-09	3.1267e-01	3.3753e-02
9.0868e-01	1.8900e-09	3.4555e-01	3.8140e-02
1.0045e+00	1.9050e-09	3.7979e-01	4.2681e-02
1.1056e+00	1.9200e-09	4.1539e-01	4.7377e-02
1.1760e+00	1.9300e-09	4.3987e-01	5.0594e-02
1.2488e+00	1.9400e-09	4.6496e-01	5.3879e-02
1.3625e+00	1.9550e-09	5.0373e-01	5.8936e-02
1.4413e+00	1.9650e-09	5.3033e-01	6.2393e-02
1.5225e+00	1.9750e-09	5.5753e-01	6.5919e-02
1.6487e+00	1.9900e-09	5.9946e-01	7.1336e-02
1.6861e+00	1.9950e-09	6.1374e-01	7.3176e-02
1.7462e+00	2.0050e-09	6.4410e-01	7.6908e-02
1.8335e+00	2.0200e-09	6.9411e-01	8.2634e-02



1.9171e+00	2.0350e-09	7.4605e-01	8.8515e-02
2.0231e+00	2.0550e-09	8.1835e-01	9.6596e-02
2.0737e+00	2.0650e-09	8.5579e-01	1.0074e-01
2.1226e+00	2.0750e-09	8.9410e-01	1.0844e-01
2.1667e+00	2.0850e-09	9.3327e-01	1.1727e-01
2.2266e+00	2.1000e-09	9.9366e-01	1.3103e-01
2.2808e+00	2.1150e-09	1.0560e+00	1.4539e-01
2.3293e+00	2.1300e-09	1.1203e+00	1.6035e-01
2.3585e+00	2.1400e-09	1.1642e+00	1.7065e-01
2.3851e+00	2.1500e-09	1.2090e+00	1.8123e-01
2.4437e+00	2.1750e-09	1.3248e+00	2.0883e-01
2.4644e+00	2.1850e-09	1.3726e+00	2.2034e-01
2.4917e+00	2.2000e-09	1.4460e+00	2.3811e-01
2.5144e+00	2.2150e-09	1.5213e+00	2.5647e-01
2.5269e+00	2.2250e-09	1.5725e+00	2.6905e-01
2.5508e+00	2.2500e-09	1.7045e+00	3.0167e-01
2.5654e+00	2.2650e-09	1.7553e+00	3.2204e-01
2.5808e+00	2.2850e-09	1.8190e+00	3.5074e-01
2.5894e+00	2.3000e-09	1.8648e+00	3.7910e-01
2.5968e+00	2.3200e-09	1.9233e+00	4.1916e-01
2.6026e+00	2.3400e-09	1.9787e+00	4.6179e-01
2.6094e+00	2.3600e-09	2.0312e+00	5.0698e-01
2.6133e+00	2.3750e-09	2.0685e+00	5.4256e-01
2.6163e+00	2.3900e-09	2.1014e+00	5.7959e-01
2.6182e+00	2.4050e-09	2.1320e+00	6.1805e-01
2.6197e+00	2.4200e-09	2.1603e+00	6.5797e-01

2.6221e+00	2.4350e-09	2.1863e+00	6.9932e-01
2.6242e+00	2.4500e-09	2.2100e+00	7.4212e-01
2.6259e+00	2.4650e-09	2.2314e+00	7.8637e-01
2.6273e+00	2.4800e-09	2.2505e+00	8.3206e-01
2.6284e+00	2.4950e-09	2.2673e+00	8.7919e-01
2.6310e+00	2.5300e-09	2.3015e+00	9.9414e-01
2.6338e+00	2.5750e-09	2.3333e+00	1.1487e+00
2.6357e+00	2.6050e-09	2.3496e+00	1.2507e+00
2.6378e+00	2.6400e-09	2.3639e+00	1.3696e+00
2.6389e+00	2.6600e-09	2.3713e+00	1.4294e+00
2.6400e+00	2.6800e-09	2.3774e+00	1.4861e+00
2.6409e+00	2.7000e-09	2.3824e+00	1.5397e+00
2.6420e+00	2.7250e-09	2.3871e+00	1.6023e+00
2.6429e+00	2.7450e-09	2.3913e+00	1.6489e+00
2.6438e+00	2.7700e-09	2.3957e+00	1.7033e+00
2.6446e+00	2.7900e-09	2.3986e+00	1.7443e+00
2.6454e+00	2.8150e-09	2.4015e+00	1.7916e+00
2.6460e+00	2.8350e-09	2.4039e+00	1.8264e+00
2.6467e+00	2.8600e-09	2.4068e+00	1.8659e+00
2.6472e+00	2.8800e-09	2.4088e+00	1.8944e+00
2.6476e+00	2.9000e-09	2.4107e+00	1.9202e+00
2.6486e+00	2.9450e-09	2.4140e+00	1.9738e+00
2.6491e+00	2.9700e-09	2.4159e+00	2.0009e+00
2.6494e+00	2.9900e-09	2.4174e+00	2.0204e+00
2.6498e+00	3.0150e-09	2.4190e+00	2.0421e+00
2.6502e+00	3.0400e-09	2.4205e+00	2.0608e+00

2.6506e+00	3.0800e-09	2.4225e+00	2.0847e+00
2.6510e+00	3.1150e-09	2.4240e+00	2.0993e+00
2.6513e+00	3.1550e-09	2.4258e+00	2.1202e+00
2.6516e+00	3.1850e-09	2.4269e+00	2.1340e+00
2.6521e+00	3.2400e-09	2.4287e+00	2.1540e+00
2.6524e+00	3.2900e-09	2.4300e+00	2.1662e+00
2.6525e+00	3.3250e-09	2.4307e+00	2.1715e+00
2.6527e+00	3.3650e-09	2.4316e+00	2.1742e+00
2.6530e+00	3.4500e-09	2.4332e+00	2.1876e+00
2.6532e+00	3.5100e-09	2.4340e+00	2.1937e+00
2.6536e+00	3.7900e-09	2.4360e+00	2.2039e+00
2.6539e+00	4.4950e-09	2.4370e+00	2.2100e+00
2.6537e+00	5.4900e-09	2.4370e+00	2.2118e+00
2.6536e+00	5.0000e-08	2.4369e+00	2.2116e+00

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| \*\*\*\*\*  
| \*\*\*\*\*

[Falling Waveform]  
| ALVC244\_OUT\_25

|  
R\_fixture = 500  
C\_fixture = 0  
L\_fixture = 0  
V\_fixture = 2.5  
V\_fixture\_min = 2.3  
V\_fixture\_max = 2.7

	Time	V(typ)	V(min)
V(max)			
2.7000e+00	0.0000e+00	2.5000e+00	2.3000e+00
2.7008e+00	7.1000e-10	2.5000e+00	2.3000e+00
2.7057e+00	1.2000e-09	2.5023e+00	2.3002e+00
2.7062e+00	1.2350e-09	2.5002e+00	2.3002e+00

2.6788e+00	1.3200e-09	2.4933e+00	2.3010e+00
2.6388e+00	1.4100e-09	2.4836e+00	2.3024e+00
2.6002e+00	1.4800e-09	2.4745e+00	2.3037e+00
2.5550e+00	1.5500e-09	2.4639e+00	2.3053e+00
2.4913e+00	1.6350e-09	2.4491e+00	2.3075e+00
2.4749e+00	1.6550e-09	2.4453e+00	2.3081e+00
2.4661e+00	1.6600e-09	2.4443e+00	2.3082e+00
2.3955e+00	1.6850e-09	2.4394e+00	2.3090e+00
2.3186e+00	1.7100e-09	2.4342e+00	2.3097e+00
2.2526e+00	1.7300e-09	2.4300e+00	2.3104e+00
2.1644e+00	1.7550e-09	2.4245e+00	2.3112e+00
2.0699e+00	1.7800e-09	2.4189e+00	2.3120e+00
1.9691e+00	1.8050e-09	2.4130e+00	2.3129e+00
1.8839e+00	1.8250e-09	2.4082e+00	2.3136e+00
1.7719e+00	1.8500e-09	2.4021e+00	2.3146e+00
1.7016e+00	1.8650e-09	2.3788e+00	2.3151e+00
1.6762e+00	1.8700e-09	2.3707e+00	2.3153e+00
1.5610e+00	1.8900e-09	2.3372e+00	2.3127e+00
1.4388e+00	1.9100e-09	2.3020e+00	2.3078e+00
1.3098e+00	1.9300e-09	2.2651e+00	2.3026e+00
1.1738e+00	1.9500e-09	2.2265e+00	2.2970e+00
1.0308e+00	1.9700e-09	2.1861e+00	2.2911e+00
8.4362e-01	1.9950e-09	2.1333e+00	2.2833e+00
7.3796e-01	2.0150e-09	2.0890e+00	2.2767e+00
6.6359e-01	2.0300e-09	2.0548e+00	2.2716e+00
5.7092e-01	2.0500e-09	2.0076e+00	2.2644e+00

5.0628e-01	2.0650e-09	1.9710e+00	2.2588e+00
4.4624e-01	2.0800e-09	1.9335e+00	2.2530e+00
3.9600e-01	2.0950e-09	1.8950e+00	2.2471e+00
3.5171e-01	2.1100e-09	1.8556e+00	2.2410e+00
3.0192e-01	2.1300e-09	1.8015e+00	2.2325e+00
2.7153e-01	2.1450e-09	1.7599e+00	2.2259e+00
2.5458e-01	2.1550e-09	1.7315e+00	2.2215e+00
2.2549e-01	2.1750e-09	1.6736e+00	2.2123e+00
2.1328e-01	2.1850e-09	1.6355e+00	2.2076e+00
1.9891e-01	2.2000e-09	1.5763e+00	2.2003e+00
1.9196e-01	2.2100e-09	1.5357e+00	2.1954e+00
1.8549e-01	2.2250e-09	1.4730e+00	2.1879e+00
1.8301e-01	2.2500e-09	1.3637e+00	2.1749e+00
1.7201e-01	2.2700e-09	1.2720e+00	2.1642e+00
1.5745e-01	2.3000e-09	1.1275e+00	2.1475e+00
1.4904e-01	2.3200e-09	1.0263e+00	2.1360e+00
1.4332e-01	2.3350e-09	9.4800e-01	2.1271e+00
1.4141e-01	2.3400e-09	9.2487e-01	2.1241e+00
1.3775e-01	2.3500e-09	8.8635e-01	2.1181e+00
1.3102e-01	2.3700e-09	8.1168e-01	2.1057e+00
1.2506e-01	2.3900e-09	7.4015e-01	2.0930e+00
1.1609e-01	2.4250e-09	6.2254e-01	2.0701e+00
1.1111e-01	2.4450e-09	5.5966e-01	2.0565e+00
1.0653e-01	2.4650e-09	4.9993e-01	2.0427e+00
9.9485e-02	2.5000e-09	4.0296e-01	2.0176e+00
9.6797e-02	2.5150e-09	3.7101e-01	1.9986e+00

9.4320e-02	2.5300e-09	3.4194e-01	1.9791e+00
9.0665e-02	2.5550e-09	2.9994e-01	1.9454e+00
8.9225e-02	2.5650e-09	2.8466e-01	1.9283e+00
8.5211e-02	2.5950e-09	2.4521e-01	1.8699e+00
8.1652e-02	2.6250e-09	2.1533e-01	1.8008e+00
7.8028e-02	2.6600e-09	1.8952e-01	1.7145e+00
7.5361e-02	2.6900e-09	1.7457e-01	1.6380e+00
7.3114e-02	2.7200e-09	1.6700e-01	1.5569e+00
7.1849e-02	2.7400e-09	1.6602e-01	1.5002e+00
7.0911e-02	2.7550e-09	1.6196e-01	1.4569e+00
6.8879e-02	2.7900e-09	1.5428e-01	1.3607e+00
6.6213e-02	2.8500e-09	1.4689e-01	1.1921e+00
6.4622e-02	2.9050e-09	1.4362e-01	1.0335e+00
6.3539e-02	2.9400e-09	1.3834e-01	9.4614e-01
6.2492e-02	2.9800e-09	1.3208e-01	8.5325e-01
6.1650e-02	3.0200e-09	1.2558e-01	7.6652e-01
6.1011e-02	3.0600e-09	1.1956e-01	6.8596e-01
6.0537e-02	3.1050e-09	1.1368e-01	6.0269e-01
6.0258e-02	3.1400e-09	1.0941e-01	5.4404e-01
5.9743e-02	3.1800e-09	1.0487e-01	4.8309e-01
5.9296e-02	3.2200e-09	1.0066e-01	4.2859e-01
5.8918e-02	3.2600e-09	9.6782e-02	3.8056e-01
5.8642e-02	3.2950e-09	9.3671e-02	3.4383e-01
5.8315e-02	3.3500e-09	8.9314e-02	2.9302e-01
5.8158e-02	3.3900e-09	8.6558e-02	2.6230e-01
5.8063e-02	3.4350e-09	8.3870e-02	2.3439e-01

5.7961e-02	3.4750e-09	8.1848e-02	2.1549e-01
5.7740e-02	3.5200e-09	7.9984e-02	2.0088e-01
5.7522e-02	3.5700e-09	7.8057e-02	1.9291e-01
5.7330e-02	3.6200e-09	7.6441e-02	1.7861e-01
5.7182e-02	3.6650e-09	7.5293e-02	1.6851e-01
5.6984e-02	3.7400e-09	7.3848e-02	1.5840e-01
5.6887e-02	3.7900e-09	7.2913e-02	1.5635e-01
5.6817e-02	3.8400e-09	7.2148e-02	1.5788e-01
5.6669e-02	3.9700e-09	7.0954e-02	1.5283e-01
5.6408e-02	4.1350e-09	6.9606e-02	1.5477e-01
5.5932e-02	4.6700e-09	6.7749e-02	1.2220e-01
5.5651e-02	5.0700e-09	6.7018e-02	1.0602e-01
5.5318e-02	5.5550e-09	6.6258e-02	9.7796e-02
5.4603e-02	6.7850e-09	6.4829e-02	9.1806e-02
5.3768e-02	1.0035e-08	6.2544e-02	8.5555e-02
5.3410e-02	1.4540e-08	6.1257e-02	8.1155e-02
5.3332e-02	2.7175e-08	6.0590e-02	7.7353e-02
5.3330e-02	5.0000e-08	6.0544e-02	7.6665e-02

```
|
| *****
| *****
```

```
[Rising Waveform]
```

```
| ALVC244_OUT_25
```

```
|
R_fixture =      500
C_fixture =       0
L_fixture =       0
V_fixture =       2.5
V_fixture_min = 2.3
V_fixture_max = 2.7
```

```
|
|                                     Time                V(typ)          V(min)
V(max)
```

5.3329e-02	0.0000e+00	6.0543e-02	7.6626e-02
5.2517e-02	8.1500e-10	5.9702e-02	7.5874e-02
4.9292e-02	1.3700e-09	5.5214e-02	7.1653e-02
5.1411e-02	1.3800e-09	5.5722e-02	7.1564e-02
6.9373e-02	1.4350e-09	6.8052e-02	7.1066e-02
9.8984e-02	1.5100e-09	8.8504e-02	7.0362e-02
1.2693e-01	1.5700e-09	1.0789e-01	6.9778e-02
1.5865e-01	1.6300e-09	1.2996e-01	6.9177e-02
1.7368e-01	1.6550e-09	1.3995e-01	7.3243e-02
2.3011e-01	1.6800e-09	1.5041e-01	7.8673e-02
2.9393e-01	1.7050e-09	1.6133e-01	8.4670e-02
3.5030e-01	1.7250e-09	1.7041e-01	8.9874e-02
4.2742e-01	1.7500e-09	1.8217e-01	9.6890e-02
4.4373e-01	1.7550e-09	1.8882e-01	9.8361e-02
5.2972e-01	1.7800e-09	2.3265e-01	1.0605e-01
5.8486e-01	1.7950e-09	2.6103e-01	1.1094e-01
6.4265e-01	1.8100e-09	2.9098e-01	1.1604e-01
7.4490e-01	1.8350e-09	3.4436e-01	1.2498e-01
8.0979e-01	1.8500e-09	3.7848e-01	1.3061e-01
8.7734e-01	1.8650e-09	4.1416e-01	1.3645e-01
9.3424e-01	1.8750e-09	4.3881e-01	1.4046e-01
1.0252e+00	1.8900e-09	4.7709e-01	1.4664e-01
1.1212e+00	1.9050e-09	5.1694e-01	1.5302e-01
1.2222e+00	1.9200e-09	5.5835e-01	1.5960e-01
1.3281e+00	1.9350e-09	6.0132e-01	1.6640e-01
1.4015e+00	1.9450e-09	6.3084e-01	1.7104e-01



1.4771e+00	1.9550e-09	6.6105e-01	1.7577e-01
1.6351e+00	1.9750e-09	7.2355e-01	1.8550e-01
1.7593e+00	1.9900e-09	7.7226e-01	1.9304e-01
1.7959e+00	1.9950e-09	7.8884e-01	1.9559e-01
1.8826e+00	2.0100e-09	8.3955e-01	2.0340e-01
1.9918e+00	2.0300e-09	9.0952e-01	2.1413e-01
2.0689e+00	2.0450e-09	9.6381e-01	2.2242e-01
2.1655e+00	2.0650e-09	1.0386e+00	2.3378e-01
2.2322e+00	2.0800e-09	1.0965e+00	2.4847e-01
2.2901e+00	2.0950e-09	1.1559e+00	2.6472e-01
2.3423e+00	2.1100e-09	1.2169e+00	2.8164e-01
2.3888e+00	2.1250e-09	1.2795e+00	2.9922e-01
2.4297e+00	2.1400e-09	1.3436e+00	3.1747e-01
2.4537e+00	2.1500e-09	1.3872e+00	3.3000e-01
2.4966e+00	2.1700e-09	1.4764e+00	3.5596e-01
2.5165e+00	2.1800e-09	1.5221e+00	3.6938e-01
2.5429e+00	2.1950e-09	1.5919e+00	3.9007e-01
2.5581e+00	2.2050e-09	1.6392e+00	4.0423e-01
2.5774e+00	2.2200e-09	1.7116e+00	4.2603e-01
2.5923e+00	2.2350e-09	1.7855e+00	4.4849e-01
2.6044e+00	2.2500e-09	1.8610e+00	4.7162e-01
2.6136e+00	2.2600e-09	1.8933e+00	4.8741e-01
2.6290e+00	2.2800e-09	1.9537e+00	5.1987e-01
2.6351e+00	2.2900e-09	1.9827e+00	5.3971e-01
2.6423e+00	2.3050e-09	2.0246e+00	5.7333e-01
2.6484e+00	2.3250e-09	2.0775e+00	6.2072e-01

2.6546e+00	2.3450e-09	2.1271e+00	6.7106e-01
2.6606e+00	2.3650e-09	2.1734e+00	7.2433e-01
2.6630e+00	2.3750e-09	2.1952e+00	7.5207e-01
2.6658e+00	2.3900e-09	2.2248e+00	7.9505e-01
2.6676e+00	2.4050e-09	2.2520e+00	8.3969e-01
2.6691e+00	2.4200e-09	2.2770e+00	8.8598e-01
2.6713e+00	2.4350e-09	2.2997e+00	9.3393e-01
2.6733e+00	2.4500e-09	2.3202e+00	9.8353e-01
2.6750e+00	2.4650e-09	2.3384e+00	1.0348e+00
2.6763e+00	2.4800e-09	2.3544e+00	1.0877e+00
2.6792e+00	2.5200e-09	2.3888e+00	1.2335e+00
2.6804e+00	2.5400e-09	2.4023e+00	1.3085e+00
2.6812e+00	2.5550e-09	2.4102e+00	1.3663e+00
2.6815e+00	2.5600e-09	2.4130e+00	1.3838e+00
2.6827e+00	2.5800e-09	2.4232e+00	1.4522e+00
2.6836e+00	2.5950e-09	2.4297e+00	1.5015e+00
2.6844e+00	2.6100e-09	2.4352e+00	1.5491e+00
2.6855e+00	2.6300e-09	2.4410e+00	1.6100e+00
2.6865e+00	2.6500e-09	2.4462e+00	1.6671e+00
2.6875e+00	2.6700e-09	2.4511e+00	1.7203e+00
2.6883e+00	2.6900e-09	2.4552e+00	1.7698e+00
2.6892e+00	2.7100e-09	2.4583e+00	1.8158e+00
2.6899e+00	2.7300e-09	2.4610e+00	1.8582e+00
2.6908e+00	2.7550e-09	2.4647e+00	1.9067e+00
2.6915e+00	2.7750e-09	2.4673e+00	1.9432e+00
2.6921e+00	2.7950e-09	2.4696e+00	1.9767e+00

2.6927e+00	2.8150e-09	2.4716e+00	2.0072e+00
2.6931e+00	2.8300e-09	2.4728e+00	2.0282e+00
2.6936e+00	2.8500e-09	2.4744e+00	2.0535e+00
2.6941e+00	2.8700e-09	2.4762e+00	2.0759e+00
2.6954e+00	2.9400e-09	2.4815e+00	2.1439e+00
2.6958e+00	2.9650e-09	2.4830e+00	2.1642e+00
2.6962e+00	2.9900e-09	2.4842e+00	2.1818e+00
2.6967e+00	3.0250e-09	2.4862e+00	2.2017e+00
2.6971e+00	3.0550e-09	2.4876e+00	2.2144e+00
2.6974e+00	3.0900e-09	2.4891e+00	2.2246e+00
2.6977e+00	3.1250e-09	2.4904e+00	2.2391e+00
2.6980e+00	3.1650e-09	2.4916e+00	2.2527e+00
2.6983e+00	3.2000e-09	2.4926e+00	2.2620e+00
2.6986e+00	3.2350e-09	2.4936e+00	2.2689e+00
2.6988e+00	3.2700e-09	2.4945e+00	2.2733e+00
2.6991e+00	3.3250e-09	2.4956e+00	2.2759e+00
2.6993e+00	3.3900e-09	2.4965e+00	2.2835e+00
2.6994e+00	3.4500e-09	2.4972e+00	2.2879e+00
2.7000e+00	3.6950e-09	2.4989e+00	2.2934e+00
2.7002e+00	4.4550e-09	2.5001e+00	2.2989e+00
2.7001e+00	5.3600e-09	2.5001e+00	2.3002e+00
2.7000e+00	5.0000e-08	2.5000e+00	2.3000e+00

```

|
| *****
| *****
[Falling Waveform]
| ALVC244_OUT_25
|
R_fixture =      500
C_fixture =       0

```

```

L_fixture =      0
V_fixture =      0
V_fixture_min = 0
V_fixture_max = 0

```

	Time	V(typ)	V(min)
V(max)			
	0.0000e+00	2.4369e+00	2.2116e+00
2.6536e+00	6.2500e-10	2.4371e+00	2.2121e+00
2.6541e+00	1.2000e-09	2.4388e+00	2.2124e+00
2.6576e+00	1.2350e-09	2.4362e+00	2.2124e+00
2.6579e+00	1.2750e-09	2.4326e+00	2.2125e+00
2.6455e+00	1.3250e-09	2.4273e+00	2.2128e+00
2.6264e+00	1.3750e-09	2.4212e+00	2.2131e+00
2.6037e+00	1.4200e-09	2.4149e+00	2.2135e+00
2.5803e+00	1.4850e-09	2.4047e+00	2.2141e+00
2.5414e+00	1.5550e-09	2.3920e+00	2.2148e+00
2.4927e+00	1.6000e-09	2.3829e+00	2.2153e+00
2.4578e+00	1.6450e-09	2.3731e+00	2.2158e+00
2.4199e+00	1.6550e-09	2.3709e+00	2.2160e+00
2.4111e+00	1.6600e-09	2.3697e+00	2.2160e+00
2.4014e+00	1.6850e-09	2.3639e+00	2.2164e+00
2.3232e+00	1.7100e-09	2.3578e+00	2.2167e+00
2.2379e+00	1.7300e-09	2.3528e+00	2.2170e+00
2.1646e+00	1.7550e-09	2.3463e+00	2.2174e+00
2.0666e+00	1.7800e-09	2.3396e+00	2.2177e+00
1.9616e+00	1.8000e-09	2.3341e+00	2.2181e+00
1.8726e+00	1.8250e-09	2.3270e+00	2.2185e+00
1.7549e+00	1.8500e-09	2.3198e+00	2.2189e+00
1.6302e+00			

1.5520e+00	1.8650e-09	2.3000e+00	2.2191e+00
1.4682e+00	1.8800e-09	2.2790e+00	2.2185e+00
1.3805e+00	1.8950e-09	2.2573e+00	2.2133e+00
1.2587e+00	1.9150e-09	2.2271e+00	2.2060e+00
1.1316e+00	1.9350e-09	2.1956e+00	2.1983e+00
9.9893e-01	1.9550e-09	2.1626e+00	2.1901e+00
8.6084e-01	1.9750e-09	2.1282e+00	2.1814e+00
7.1844e-01	1.9950e-09	2.0925e+00	2.1724e+00
6.9336e-01	2.0000e-09	2.0833e+00	2.1700e+00
6.2135e-01	2.0150e-09	2.0553e+00	2.1629e+00
5.3289e-01	2.0350e-09	2.0168e+00	2.1529e+00
4.7220e-01	2.0500e-09	1.9869e+00	2.1451e+00
4.1637e-01	2.0650e-09	1.9563e+00	2.1371e+00
3.9884e-01	2.0700e-09	1.9429e+00	2.1344e+00
3.4948e-01	2.0850e-09	1.8955e+00	2.1261e+00
3.0536e-01	2.1000e-09	1.8454e+00	2.1175e+00
2.7937e-01	2.1100e-09	1.8104e+00	2.1116e+00
2.5570e-01	2.1200e-09	1.7742e+00	2.1056e+00
2.2454e-01	2.1350e-09	1.7176e+00	2.0964e+00
1.9860e-01	2.1500e-09	1.6582e+00	2.0870e+00
1.7788e-01	2.1650e-09	1.5960e+00	2.0773e+00
1.5838e-01	2.1850e-09	1.5088e+00	2.0641e+00
1.5211e-01	2.1950e-09	1.4634e+00	2.0573e+00
1.3614e-01	2.2100e-09	1.3929e+00	2.0468e+00
1.2095e-01	2.2250e-09	1.3197e+00	2.0362e+00
1.0381e-01	2.2450e-09	1.2177e+00	2.0215e+00

9.0201e-02	2.2650e-09	1.1108e+00	2.0065e+00
8.2322e-02	2.2800e-09	1.0274e+00	1.9949e+00
8.0139e-02	2.2850e-09	1.0012e+00	1.9910e+00
5.4667e-02	2.3450e-09	7.4499e-01	1.9418e+00
4.3320e-02	2.3900e-09	5.5436e-01	1.9023e+00
4.2575e-02	2.3950e-09	5.3576e-01	1.8978e+00
4.0600e-02	2.4050e-09	5.0217e-01	1.8886e+00
3.6236e-02	2.4250e-09	4.3929e-01	1.8700e+00
3.2551e-02	2.4450e-09	3.8216e-01	1.8510e+00
2.9545e-02	2.4650e-09	3.3077e-01	1.8315e+00
2.7218e-02	2.4850e-09	2.8512e-01	1.8115e+00
2.5918e-02	2.5000e-09	2.5466e-01	1.7963e+00
2.4368e-02	2.5150e-09	2.2827e-01	1.7661e+00
2.3038e-02	2.5300e-09	2.0531e-01	1.7351e+00
2.1926e-02	2.5450e-09	1.8579e-01	1.7031e+00
2.0530e-02	2.5650e-09	1.6296e-01	1.6582e+00
1.9037e-02	2.5850e-09	1.4209e-01	1.6102e+00
1.7968e-02	2.6000e-09	1.2870e-01	1.5725e+00
1.6610e-02	2.6200e-09	1.1388e-01	1.5200e+00
1.5029e-02	2.6450e-09	9.8515e-02	1.4515e+00
1.3048e-02	2.6800e-09	8.0204e-02	1.3518e+00
1.1556e-02	2.7100e-09	6.9552e-02	1.2617e+00
1.0052e-02	2.7450e-09	6.1508e-02	1.1518e+00
8.3172e-03	2.7900e-09	4.9705e-02	1.0237e+00
7.0428e-03	2.8300e-09	4.2146e-02	9.1258e-01
5.9107e-03	2.8750e-09	3.6704e-02	7.9058e-01

5.1119e-03	2.9150e-09	3.1775e-02	6.8483e-01
4.7882e-03	2.9300e-09	3.0271e-02	6.4941e-01
4.1956e-03	2.9600e-09	2.7826e-02	5.8403e-01
3.6761e-03	2.9900e-09	2.6133e-02	5.2312e-01
3.2298e-03	3.0200e-09	2.4504e-02	4.6668e-01
2.8566e-03	3.0500e-09	2.2511e-02	4.1471e-01
2.5566e-03	3.0800e-09	2.0711e-02	3.6720e-01
2.2990e-03	3.1150e-09	1.8856e-02	3.1655e-01
2.1465e-03	3.1450e-09	1.7433e-02	2.7717e-01
1.8721e-03	3.1750e-09	1.5976e-02	2.4187e-01
1.6645e-03	3.2000e-09	1.4839e-02	2.1559e-01
1.4760e-03	3.2250e-09	1.3773e-02	1.9214e-01
1.3066e-03	3.2500e-09	1.2778e-02	1.7153e-01
1.1564e-03	3.2750e-09	1.1850e-02	1.5377e-01
7.4681e-04	3.3750e-09	8.5720e-03	9.6157e-02
6.7578e-04	3.4100e-09	7.6352e-03	7.9993e-02
6.4225e-04	3.4450e-09	6.8075e-03	6.7159e-02
6.0412e-04	3.4950e-09	5.7286e-03	5.4600e-02
4.8045e-04	3.5400e-09	4.8932e-03	4.9060e-02
3.4231e-04	3.6000e-09	4.0000e-03	3.5920e-02
2.3476e-04	3.6600e-09	3.2844e-03	2.6477e-02
1.5778e-04	3.7200e-09	2.6357e-03	2.0732e-02
1.0379e-04	3.8850e-09	1.5954e-03	1.2002e-02
2.1562e-04	4.9850e-09	1.9513e-04	2.1399e-03
1.9296e-04	6.1800e-09	2.2932e-04	2.6233e-04
2.7204e-07	5.0000e-08	4.8426e-07	2.6571e-06

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|
| *****
| *****
|
| [Model]      ALVC244_OUT_33
| Model_type  3-state
| Enable      Active-Low
| Vref =      0
| Rref =      500
| Cref =      50p
| Vmeas =     1.5
|
| variable          typ          min          max
| C_comp            6.04pF        5.27pF
| 7.08pF
| C_pullup          8.39pF        6.15pF
| 9.77pF
| C_pulldown        7.96pF        1.77pF
| 20.27pF
| C_tri-state       6.04pF        5.27pF
| 7.08pF
| [Temperature Range] 40          100          -40
| Ambient temperature 25          85           -40
| [Voltage range]     3.3          3            3.6
|
| *****
| *****
| [GND Clamp]
| ALVC244_OUT_33
|
| Voltage          I(typ)          I(min)
| I(max)
|
| -3.3000e+00      -5.9440e-01 -5.2962e-01 -
| 6.5817e-01
| -3.2100e+00      -5.7223e-01 -5.0985e-01 -
| 6.3374e-01
| -3.1200e+00      -5.5009e-01 -4.9011e-01 -
| 6.0935e-01
| -3.0350e+00      -5.2921e-01 -4.7149e-01 -
| 5.8634e-01
| -2.9500e+00      -5.0837e-01 -4.5290e-01 -
| 5.6336e-01
| -2.8700e+00      -4.8878e-01 -4.3543e-01 -
| 5.4177e-01
| -2.7900e+00      -4.6922e-01 -4.1800e-01 -
| 5.2021e-01
| -2.7100e+00      -4.4970e-01 -4.0059e-01 -
| 4.9868e-01

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4.7720e-01	-2.6300e+00	-4.3022e-01	-3.8321e-01	-
4.5575e-01	-2.5500e+00	-4.1077e-01	-3.6588e-01	-
4.3568e-01	-2.4750e+00	-3.9258e-01	-3.4966e-01	-
4.1566e-01	-2.4000e+00	-3.7443e-01	-3.3348e-01	-
3.9701e-01	-2.3300e+00	-3.5753e-01	-3.1841e-01	-
3.7840e-01	-2.2600e+00	-3.4068e-01	-3.0338e-01	-
3.6115e-01	-2.1950e+00	-3.2506e-01	-2.8946e-01	-
3.4395e-01	-2.1300e+00	-3.0948e-01	-2.7558e-01	-
3.2679e-01	-2.0650e+00	-2.9395e-01	-2.6174e-01	-
3.1100e-01	-2.0050e+00	-2.7966e-01	-2.4900e-01	-
2.9393e-01	-1.9400e+00	-2.6422e-01	-2.3525e-01	-
2.7823e-01	-1.8800e+00	-2.5002e-01	-2.2260e-01	-
2.6387e-01	-1.8250e+00	-2.3705e-01	-2.1105e-01	-
2.4956e-01	-1.7700e+00	-2.2413e-01	-1.9954e-01	-
2.3530e-01	-1.7150e+00	-2.1126e-01	-1.8808e-01	-
2.2109e-01	-1.6600e+00	-1.9844e-01	-1.7668e-01	-
2.0823e-01	-1.6100e+00	-1.8683e-01	-1.6635e-01	-
1.9541e-01	-1.5600e+00	-1.7529e-01	-1.5608e-01	-
1.8265e-01	-1.5100e+00	-1.6380e-01	-1.4587e-01	-
1.7122e-01	-1.4650e+00	-1.5351e-01	-1.3673e-01	-
1.5984e-01	-1.4200e+00	-1.4328e-01	-1.2764e-01	-
1.4852e-01	-1.3750e+00	-1.3312e-01	-1.1862e-01	-
1.3727e-01	-1.3300e+00	-1.2303e-01	-1.0966e-01	-
1.2733e-01	-1.2900e+00	-1.1412e-01	-1.0176e-01	-
1.1746e-01	-1.2500e+00	-1.0528e-01	-9.3923e-02	-
1.1010e-01	-1.2200e+00	-9.8702e-02	-8.8092e-02	-

1.0280e-01	-1.1900e+00	-9.2172e-02	-8.2306e-02	-
9.5549e-02	-1.1600e+00	-8.5694e-02	-7.6568e-02	-
8.9556e-02	-1.1350e+00	-8.0340e-02	-7.1827e-02	-
8.3613e-02	-1.1100e+00	-7.5031e-02	-6.7126e-02	-
7.8901e-02	-1.0900e+00	-7.0820e-02	-6.3397e-02	-
7.3073e-02	-1.0650e+00	-6.5606e-02	-5.8779e-02	-
6.8469e-02	-1.0450e+00	-6.1480e-02	-5.5122e-02	-
6.3928e-02	-1.0250e+00	-5.7398e-02	-5.1502e-02	-
6.0572e-02	-1.0100e+00	-5.4368e-02	-4.8813e-02	-
5.6178e-02	-9.9000e-01	-5.0377e-02	-4.5266e-02	-
5.2957e-02	-9.7500e-01	-4.7425e-02	-4.2637e-02	-
4.9814e-02	-9.6000e-01	-4.4512e-02	-4.0036e-02	-
4.6770e-02	-9.4500e-01	-4.1642e-02	-3.7467e-02	-
4.4806e-02	-9.3500e-01	-3.9757e-02	-3.5774e-02	-
4.3847e-02	-9.3000e-01	-3.8823e-02	-3.4933e-02	-
4.1981e-02	-9.2000e-01	-3.6974e-02	-3.3265e-02	-
4.0192e-02	-9.1000e-01	-3.5153e-02	-3.1614e-02	-
3.9329e-02	-9.0500e-01	-3.4253e-02	-3.0795e-02	-
3.7675e-02	-8.9500e-01	-3.2478e-02	-2.9174e-02	-
3.6119e-02	-8.8500e-01	-3.0739e-02	-2.7574e-02	-
3.5379e-02	-8.8000e-01	-2.9884e-02	-2.6782e-02	-
3.3973e-02	-8.7000e-01	-2.8204e-02	-2.5216e-02	-
3.3305e-02	-8.6500e-01	-2.7381e-02	-2.4443e-02	-
3.2032e-02	-8.5500e-01	-2.5772e-02	-2.2917e-02	-
3.0830e-02	-8.4500e-01	-2.4217e-02	-2.1419e-02	-
2.9682e-02	-8.3500e-01	-2.2720e-02	-1.9953e-02	-

2.8571e-02	-8.2500e-01	-2.1288e-02	-1.8521e-02	-
2.7487e-02	-8.1500e-01	-1.9927e-02	-1.7125e-02	-
2.6420e-02	-8.0500e-01	-1.8642e-02	-1.5770e-02	-
2.5891e-02	-8.0000e-01	-1.8029e-02	-1.5109e-02	-
2.5363e-02	-7.9500e-01	-1.7437e-02	-1.4459e-02	-
2.4311e-02	-7.8500e-01	-1.6312e-02	-1.3195e-02	-
2.3786e-02	-7.8000e-01	-1.5781e-02	-1.2583e-02	-
2.2737e-02	-7.7000e-01	-1.4776e-02	-1.1399e-02	-
2.1689e-02	-7.6000e-01	-1.3846e-02	-1.0273e-02	-
2.0639e-02	-7.5000e-01	-1.2982e-02	-9.2108e-03	-
1.9590e-02	-7.4000e-01	-1.2177e-02	-8.2149e-03	-
1.9066e-02	-7.3500e-01	-1.1794e-02	-7.7430e-03	-
1.8018e-02	-7.2500e-01	-1.1061e-02	-6.8529e-03	-
1.7495e-02	-7.2000e-01	-1.0708e-02	-6.4351e-03	-
1.6974e-02	-7.1500e-01	-1.0365e-02	-6.0356e-03	-
1.5935e-02	-7.0500e-01	-9.6996e-03	-5.2912e-03	-
1.5419e-02	-7.0000e-01	-9.3771e-03	-4.9460e-03	-
1.4394e-02	-6.9000e-01	-8.7494e-03	-4.3076e-03	-
1.3886e-02	-6.8500e-01	-8.4433e-03	-4.0136e-03	-
1.2882e-02	-6.7500e-01	-7.8450e-03	-3.4727e-03	-
1.1896e-02	-6.6500e-01	-7.2638e-03	-2.9904e-03	-
1.0455e-02	-6.5000e-01	-6.4213e-03	-2.3640e-03	-
9.0681e-03	-6.3500e-01	-5.6123e-03	-1.8377e-03	-
7.7433e-03	-6.2000e-01	-4.8366e-03	-1.3961e-03	-
6.4878e-03	-6.0500e-01	-4.0955e-03	-1.0278e-03	-
5.3091e-03	-5.9000e-01	-3.3916e-03	-7.2598e-04	-

4.2153e-03	-5.7500e-01	-2.7285e-03	-4.8753e-04	-
3.2157e-03	-5.6000e-01	-2.1117e-03	-3.1269e-04	-
2.3212e-03	-5.4500e-01	-1.5483e-03	-2.0459e-04	-
1.7896e-03	-5.3500e-01	-1.2071e-03	-1.7238e-04	-
1.3152e-03	-5.2500e-01	-8.9781e-04	-1.5496e-04	-
9.0336e-04	-5.1500e-01	-6.2511e-04	-1.3927e-04	-
5.6049e-04	-5.0500e-01	-3.9474e-04	-1.2511e-04	-
2.9416e-04	-4.9500e-01	-2.1364e-04	-1.1220e-04	-
1.1356e-04	-4.8500e-01	-9.0093e-05	-1.0035e-04	-
5.8817e-05	-4.8000e-01	-5.2885e-05	-9.4772e-05	-
2.9910e-05	-4.7500e-01	-3.3837e-05	-8.9408e-05	-
6.5334e-07	-3.8000e-01	-1.9514e-06	-2.0012e-05	-
5.5032e-09	-2.6000e-01	-5.1954e-08	-7.8334e-07	-
1.8292e-11	3.3000e+00	1.3917e-10	2.2631e-06	

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[POWER Clamp]  
| ALVC244\_OUT\_33

	Voltage	I(typ)	I(min)
I(max)			
	-3.3000e+00	1.5364e-01	1.0738e-01
2.1965e-01	-3.2150e+00	1.4673e-01	1.0229e-01
2.1042e-01	-3.1300e+00	1.3988e-01	9.7248e-02
2.0124e-01	-3.0500e+00	1.3348e-01	9.2539e-02
1.9266e-01	-2.9700e+00	1.2712e-01	8.7871e-02
1.8413e-01	-2.8950e+00	1.2122e-01	8.3535e-02
1.7620e-01	-2.8150e+00	1.1497e-01	7.8956e-02
1.6780e-01			

1.5999e-01	-2.7400e+00	1.0917e-01	7.4709e-02
1.5224e-01	-2.6650e+00	1.0343e-01	7.0510e-02
1.4865e-01	-2.6300e+00	1.0077e-01	6.8567e-02
1.4457e-01	-2.5900e+00	9.7746e-02	6.6361e-02
1.3747e-01	-2.5200e+00	9.2503e-02	6.2538e-02
1.3395e-01	-2.4850e+00	8.9903e-02	6.0645e-02
1.3045e-01	-2.4500e+00	8.7319e-02	5.8765e-02
1.2399e-01	-2.3850e+00	8.2564e-02	5.5310e-02
1.1760e-01	-2.3200e+00	7.7868e-02	5.1905e-02
1.1468e-01	-2.2900e+00	7.5722e-02	5.0351e-02
1.1128e-01	-2.2550e+00	7.3235e-02	4.8552e-02
1.0839e-01	-2.2250e+00	7.1119e-02	4.7023e-02
1.0504e-01	-2.1900e+00	6.8669e-02	4.5255e-02
1.0219e-01	-2.1600e+00	6.6585e-02	4.3754e-02
9.9352e-02	-2.1300e+00	6.4517e-02	4.2265e-02
9.6534e-02	-2.1000e+00	6.2465e-02	4.0790e-02
9.3735e-02	-2.0700e+00	6.0430e-02	3.9330e-02
9.0955e-02	-2.0400e+00	5.8411e-02	3.7883e-02
8.8195e-02	-2.0100e+00	5.6410e-02	3.6451e-02
8.5455e-02	-1.9800e+00	5.4428e-02	3.5035e-02
8.2736e-02	-1.9500e+00	5.2464e-02	3.3634e-02
8.0039e-02	-1.9200e+00	5.0519e-02	3.2250e-02
7.7364e-02	-1.8900e+00	4.8594e-02	3.0883e-02
7.4712e-02	-1.8600e+00	4.6690e-02	2.9533e-02
7.2521e-02	-1.8350e+00	4.5119e-02	2.8422e-02
6.9913e-02	-1.8050e+00	4.3254e-02	2.7105e-02

6.7758e-02	-1.7800e+00	4.1717e-02	2.6023e-02
6.5197e-02	-1.7500e+00	3.9894e-02	2.4742e-02
6.3083e-02	-1.7250e+00	3.8393e-02	2.3690e-02
6.0571e-02	-1.6950e+00	3.6614e-02	2.2447e-02
5.8499e-02	-1.6700e+00	3.5151e-02	2.1428e-02
5.6039e-02	-1.6400e+00	3.3419e-02	2.0225e-02
5.4011e-02	-1.6150e+00	3.1996e-02	1.9240e-02
5.2005e-02	-1.5900e+00	3.0593e-02	1.8272e-02
5.0021e-02	-1.5650e+00	2.9209e-02	1.7321e-02
4.8059e-02	-1.5400e+00	2.7846e-02	1.6388e-02
4.6120e-02	-1.5150e+00	2.6504e-02	1.5473e-02
4.4205e-02	-1.4900e+00	2.5183e-02	1.4576e-02
4.2314e-02	-1.4650e+00	2.3885e-02	1.3699e-02
4.0448e-02	-1.4400e+00	2.2610e-02	1.2842e-02
3.8609e-02	-1.4150e+00	2.1358e-02	1.2005e-02
3.6795e-02	-1.3900e+00	2.0131e-02	1.1189e-02
3.5364e-02	-1.3700e+00	1.9168e-02	1.0552e-02
3.3601e-02	-1.3450e+00	1.7987e-02	9.7769e-03
3.1866e-02	-1.3200e+00	1.6832e-02	9.0245e-03
3.0161e-02	-1.2950e+00	1.5705e-02	8.2963e-03
2.8818e-02	-1.2750e+00	1.4824e-02	7.7315e-03
2.7496e-02	-1.2550e+00	1.3962e-02	7.1832e-03
2.6195e-02	-1.2350e+00	1.3118e-02	6.6517e-03
2.4914e-02	-1.2150e+00	1.2295e-02	6.1375e-03
2.3656e-02	-1.1950e+00	1.1492e-02	5.6411e-03
2.2419e-02	-1.1750e+00	1.0709e-02	5.1630e-03

2.1205e-02	-1.1550e+00	9.9483e-03	4.7038e-03
2.0014e-02	-1.1350e+00	9.2093e-03	4.2641e-03
1.8847e-02	-1.1150e+00	8.4929e-03	3.8443e-03
1.7705e-02	-1.0950e+00	7.7999e-03	3.4452e-03
1.6588e-02	-1.0750e+00	7.1308e-03	3.0674e-03
1.5497e-02	-1.0550e+00	6.4864e-03	2.7114e-03
1.4696e-02	-1.0400e+00	6.0198e-03	2.4593e-03
1.3652e-02	-1.0200e+00	5.4205e-03	2.1434e-03
1.2887e-02	-1.0050e+00	4.9886e-03	1.9221e-03
1.1892e-02	-9.8500e-01	4.4368e-03	1.6486e-03
1.1165e-02	-9.7000e-01	4.0415e-03	1.4600e-03
1.0222e-02	-9.5000e-01	3.5399e-03	1.2313e-03
9.5345e-03	-9.3500e-01	3.1833e-03	1.0773e-03
8.6457e-03	-9.1500e-01	2.7349e-03	8.9617e-04
8.0003e-03	-9.0000e-01	2.4194e-03	7.7894e-04
7.1687e-03	-8.8000e-01	2.0273e-03	6.4829e-04
6.5673e-03	-8.6500e-01	1.7554e-03	5.7013e-04
5.7959e-03	-8.4500e-01	1.4233e-03	4.9324e-04
5.2409e-03	-8.3000e-01	1.1978e-03	4.5671e-04
4.5332e-03	-8.1000e-01	9.2965e-04	4.2779e-04
4.0272e-03	-7.9500e-01	7.5375e-04	4.0738e-04
3.5431e-03	-7.8000e-01	6.0018e-04	3.8801e-04
3.0816e-03	-7.6500e-01	4.6967e-04	3.6945e-04
2.5023e-03	-7.4500e-01	3.3283e-04	3.4566e-04
2.0960e-03	-7.3000e-01	2.5916e-04	3.2838e-04
1.7152e-03	-7.1500e-01	2.1132e-04	3.1147e-04

1.3616e-03	-7.0000e-01	1.8733e-04	2.9489e-04
1.0379e-03	-6.8500e-01	1.6698e-04	2.7858e-04
7.4846e-04	-6.7000e-01	1.4842e-04	2.6250e-04
4.9924e-04	-6.5500e-01	1.3124e-04	2.4665e-04
3.5883e-04	-6.4500e-01	1.2043e-04	2.3620e-04
1.9136e-04	-6.3000e-01	1.0503e-04	2.2069e-04
1.1048e-04	-6.2000e-01	9.5267e-05	2.1046e-04
5.5289e-05	-6.1000e-01	8.5887e-05	2.0033e-04
2.6366e-05	-6.0000e-01	7.6886e-05	1.9030e-04
6.7963e-06	-5.6500e-01	4.8540e-05	1.5600e-04
5.0815e-07	-5.0000e-01	1.2868e-05	9.6712e-05
3.1215e-08	-4.3000e-01	1.3746e-06	4.3704e-05
2.8804e-09	-3.7000e-01	1.5618e-07	1.4497e-05
1.0257e-10	-2.8000e-01	5.8957e-09	1.2480e-06
2.0846e-11	-4.8029e-14	1.3917e-10	5.8402e-10

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[ Pulldown]  
| ALVC244\_OUT\_33

	Voltage	I (typ)	I (min)	
I (max)				
	-3.3000e+00	-1.4221e-01	-1.0684e-01	-
1.6202e-01	-3.0550e+00	-1.3633e-01	-1.0286e-01	-
1.5484e-01	-2.8100e+00	-1.3019e-01	-9.8650e-02	-
1.4741e-01	-2.5750e+00	-1.2403e-01	-9.4380e-02	-
1.4004e-01	-2.3500e+00	-1.1786e-01	-9.0056e-02	-
1.3271e-01	-2.1400e+00	-1.1183e-01	-8.5788e-02	-
1.2561e-01				



1.1856e-01	-1.9400e+00	-1.0581e-01	-8.1483e-02	-
1.1207e-01	-1.7650e+00	-1.0030e-01	-7.7492e-02	-
1.0561e-01	-1.6000e+00	-9.4837e-02	-7.3502e-02	-
9.8484e-02	-1.4250e+00	-8.8721e-02	-6.8979e-02	-
9.1761e-02	-1.2650e+00	-8.2766e-02	-6.4517e-02	-
8.5228e-02	-1.1150e+00	-7.6775e-02	-5.9968e-02	-
7.9116e-02	-9.8000e-01	-7.0941e-02	-5.5475e-02	-
7.3509e-02	-8.6000e-01	-6.5339e-02	-5.1049e-02	-
6.8363e-02	-7.5000e-01	-5.9798e-02	-4.6494e-02	-
6.3579e-02	-6.5000e-01	-5.4288e-02	-4.1750e-02	-
6.1366e-02	-6.1000e-01	-5.1907e-02	-3.9627e-02	-
5.9178e-02	-5.7500e-01	-4.9708e-02	-3.7627e-02	-
5.5098e-02	-5.2000e-01	-4.5933e-02	-3.4145e-02	-
5.2887e-02	-4.9500e-01	-4.4012e-02	-3.2503e-02	-
5.0894e-02	-4.7500e-01	-4.2326e-02	-3.1189e-02	-
1.4931e-02	1.4000e-01	1.2352e-02	9.0456e-03	
3.7049e-02	3.5000e-01	3.0478e-02	2.2195e-02	
5.8306e-02	5.5500e-01	4.7685e-02	3.4520e-02	
8.1734e-02	7.8500e-01	6.6369e-02	4.7689e-02	
1.0369e-01	1.0050e+00	8.3570e-02	5.9564e-02	
1.2469e-01	1.2200e+00	9.9683e-02	7.0410e-02	
1.4379e-01	1.4200e+00	1.1399e-01	7.9730e-02	
1.4520e-01	1.4350e+00	1.1503e-01	8.0244e-02	
1.4567e-01	1.4400e+00	1.1538e-01	8.3555e-02	
1.4614e-01	1.4450e+00	1.1573e-01	8.5065e-02	
1.4708e-01	1.4550e+00	1.1642e-01	8.6734e-02	

1.4755e-01	1.4600e+00	1.1677e-01	9.1566e-02
1.4802e-01	1.4650e+00	1.1711e-01	9.7364e-02
1.4849e-01	1.4700e+00	1.1746e-01	9.9017e-02
1.5873e-01	1.5800e+00	1.2492e-01	1.0469e-01
1.6149e-01	1.6100e+00	1.2665e-01	1.0618e-01
1.6195e-01	1.6150e+00	1.2690e-01	1.0642e-01
1.6241e-01	1.6200e+00	1.2777e-01	1.0667e-01
1.6287e-01	1.6250e+00	1.2834e-01	1.0691e-01
1.6333e-01	1.6300e+00	1.3277e-01	1.0716e-01
1.6425e-01	1.6400e+00	1.3515e-01	1.0764e-01
1.6471e-01	1.6450e+00	1.3986e-01	1.0788e-01
1.6516e-01	1.6500e+00	1.4443e-01	1.0812e-01
1.6562e-01	1.6550e+00	1.5151e-01	1.0836e-01
1.6608e-01	1.6600e+00	1.5405e-01	1.0860e-01
1.6654e-01	1.6650e+00	1.5562e-01	1.0884e-01
1.6745e-01	1.6750e+00	1.5768e-01	1.0931e-01
1.6836e-01	1.6850e+00	1.5905e-01	1.0978e-01
1.6973e-01	1.7000e+00	1.6044e-01	1.1049e-01
1.7644e-01	1.7750e+00	1.6621e-01	1.1390e-01
1.7921e-01	1.8100e+00	1.6885e-01	1.1543e-01
1.8048e-01	1.8150e+00	1.6922e-01	1.1565e-01
1.8142e-01	1.8200e+00	1.6960e-01	1.1586e-01
1.8289e-01	1.8250e+00	1.6997e-01	1.1607e-01
1.8371e-01	1.8300e+00	1.7034e-01	1.1629e-01
1.8378e-01	1.8350e+00	1.7071e-01	1.1650e-01
1.8403e-01	1.8400e+00	1.7108e-01	1.1671e-01

1.8425e-01	1.8450e+00	1.7145e-01	1.1692e-01
1.8458e-01	1.8500e+00	1.7182e-01	1.1713e-01
2.0134e-01	1.8600e+00	1.7256e-01	1.1755e-01
2.0771e-01	1.8650e+00	1.7293e-01	1.1776e-01
2.1156e-01	1.8700e+00	1.7329e-01	1.1797e-01
2.1435e-01	1.8750e+00	1.7366e-01	1.1817e-01
2.1655e-01	1.8800e+00	1.7402e-01	1.1838e-01
2.1838e-01	1.8850e+00	1.7439e-01	1.1858e-01
2.2135e-01	1.8950e+00	1.7511e-01	1.1899e-01
2.2377e-01	1.9050e+00	1.7584e-01	1.1939e-01
2.2583e-01	1.9150e+00	1.7656e-01	1.1979e-01
2.2848e-01	1.9300e+00	1.7764e-01	1.2039e-01
2.3076e-01	1.9450e+00	1.7871e-01	1.2097e-01
2.3341e-01	1.9650e+00	1.8012e-01	1.2174e-01
2.3781e-01	2.0050e+00	1.8292e-01	1.2324e-01
2.4818e-01	2.1050e+00	1.8970e-01	1.2672e-01
2.5786e-01	2.2000e+00	1.9584e-01	1.2967e-01
2.6736e-01	2.2950e+00	2.0167e-01	1.3224e-01
2.7618e-01	2.3850e+00	2.0689e-01	1.3429e-01
2.8576e-01	2.4850e+00	2.1232e-01	1.3610e-01
2.9512e-01	2.5850e+00	2.1732e-01	1.3736e-01
3.0512e-01	2.6950e+00	2.2231e-01	1.3805e-01
3.1436e-01	2.8000e+00	2.2650e-01	1.3833e-01
3.2203e-01	2.8900e+00	2.2961e-01	1.3857e-01
3.2905e-01	2.9750e+00	2.3211e-01	1.3879e-01
3.3584e-01	3.0600e+00	2.3414e-01	1.3901e-01

3.4200e-01	3.1400e+00	2.3559e-01	1.3921e-01
3.4901e-01	3.2350e+00	2.3665e-01	1.3945e-01
3.5735e-01	3.3550e+00	2.3718e-01	1.3974e-01
3.6414e-01	3.4600e+00	2.3759e-01	1.4000e-01
3.7011e-01	3.5600e+00	2.3796e-01	1.4024e-01
3.7477e-01	3.6450e+00	2.3828e-01	1.4044e-01
3.7878e-01	3.7250e+00	2.3857e-01	1.4062e-01
3.8239e-01	3.8050e+00	2.3886e-01	1.4081e-01
3.8536e-01	3.8800e+00	2.3913e-01	1.4098e-01
3.8792e-01	3.9550e+00	2.3940e-01	1.4115e-01
3.8988e-01	4.0250e+00	2.3965e-01	1.4130e-01
3.9138e-01	4.0950e+00	2.3989e-01	1.4146e-01
3.9233e-01	4.1600e+00	2.4012e-01	1.4160e-01
3.9440e-01	4.5050e+00	2.4128e-01	1.4234e-01
3.9810e-01	5.2100e+00	2.4352e-01	1.4377e-01
4.0463e-01	6.6000e+00	2.4752e-01	1.4633e-01

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[Pullup]  
| ALVC244\_OUT\_33

I(max)	Voltage	I(typ)	I(min)
2.3363e-01	-3.3000e+00	1.7212e-01	1.2281e-01
2.2889e-01	-3.1200e+00	1.6900e-01	1.2079e-01
2.2641e-01	-3.0300e+00	1.6734e-01	1.1972e-01
2.2398e-01	-2.9450e+00	1.6572e-01	1.1865e-01
2.2132e-01	-2.8550e+00	1.6393e-01	1.1747e-01

2.1887e-01	-2.7750e+00	1.6228e-01	1.1638e-01
2.1634e-01	-2.6950e+00	1.6055e-01	1.1523e-01
2.1372e-01	-2.6150e+00	1.5876e-01	1.1402e-01
2.1101e-01	-2.5350e+00	1.5690e-01	1.1276e-01
2.0838e-01	-2.4600e+00	1.5507e-01	1.1152e-01
2.0565e-01	-2.3850e+00	1.5317e-01	1.1022e-01
2.0302e-01	-2.3150e+00	1.5133e-01	1.0895e-01
2.0029e-01	-2.2450e+00	1.4941e-01	1.0762e-01
1.9747e-01	-2.1750e+00	1.4740e-01	1.0623e-01
1.9454e-01	-2.1050e+00	1.4532e-01	1.0476e-01
1.9172e-01	-2.0400e+00	1.4329e-01	1.0334e-01
1.8880e-01	-1.9750e+00	1.4119e-01	1.0185e-01
1.8578e-01	-1.9100e+00	1.3899e-01	1.0028e-01
1.8264e-01	-1.8450e+00	1.3670e-01	9.8642e-02
1.7963e-01	-1.7850e+00	1.3449e-01	9.7052e-02
1.7651e-01	-1.7250e+00	1.3219e-01	9.5385e-02
1.7327e-01	-1.6650e+00	1.2979e-01	9.3637e-02
1.6991e-01	-1.6050e+00	1.2728e-01	9.1800e-02
1.6672e-01	-1.5500e+00	1.2488e-01	9.0034e-02
1.6341e-01	-1.4950e+00	1.2237e-01	8.8183e-02
1.5997e-01	-1.4400e+00	1.1976e-01	8.6242e-02
1.5640e-01	-1.3850e+00	1.1704e-01	8.4203e-02
1.5303e-01	-1.3350e+00	1.1445e-01	8.2258e-02
1.4954e-01	-1.2850e+00	1.1175e-01	8.0221e-02
1.4592e-01	-1.2350e+00	1.0894e-01	7.8085e-02
1.4216e-01	-1.1850e+00	1.0600e-01	7.5843e-02

1.3825e-01	-1.1350e+00	1.0292e-01	7.3486e-02
1.3293e-01	-1.0700e+00	9.8712e-02	7.0237e-02
1.2777e-01	-1.0100e+00	9.4590e-02	6.7035e-02
1.2233e-01	-9.5000e-01	9.0220e-02	6.3617e-02
1.1710e-01	-8.9500e-01	8.5974e-02	6.0276e-02
1.1160e-01	-8.4000e-01	8.1478e-02	5.6715e-02
1.0581e-01	-7.8500e-01	7.6703e-02	5.2977e-02
1.0026e-01	-7.3500e-01	7.2094e-02	4.9566e-02
9.7377e-02	-7.1000e-01	6.9684e-02	4.7859e-02
9.4401e-02	-6.8500e-01	6.7228e-02	4.6153e-02
8.9407e-02	-6.4500e-01	6.3288e-02	4.3423e-02
8.4742e-02	-6.1000e-01	5.9831e-02	4.1035e-02
6.6469e-02	-4.8000e-01	4.6916e-02	3.2169e-02
5.3190e-02	-3.8500e-01	3.7459e-02	2.5686e-02
3.5828e-02	-2.6000e-01	2.5153e-02	1.7188e-02
1.9944e-02	-1.4500e-01	1.3965e-02	9.5047e-03
1.3753e-03	1.0000e-02	-9.5934e-04	-6.4967e-04 -
7.4924e-03	5.5000e-02	-5.2208e-03	-3.5288e-03 -
1.6822e-02	1.2500e-01	-1.1697e-02	-7.8828e-03 -
2.6586e-02	2.0000e-01	-1.8444e-02	-1.2393e-02 -
3.6113e-02	2.7500e-01	-2.4998e-02	-1.6746e-02 -
4.4790e-02	3.4500e-01	-3.0940e-02	-2.0667e-02 -
5.3859e-02	4.2000e-01	-3.7119e-02	-2.4718e-02 -
6.2108e-02	4.9000e-01	-4.2711e-02	-2.8357e-02 -
7.0152e-02	5.6000e-01	-4.8135e-02	-3.1861e-02 -
7.8540e-02	6.3500e-01	-5.3758e-02	-3.5463e-02 -

8.6692e-02	7.1000e-01	-5.9188e-02 -3.8909e-02 -
9.4606e-02	7.8500e-01	-6.4425e-02 -4.2199e-02 -
1.0279e-01	8.6500e-01	-6.9797e-02 -4.5535e-02 -
1.1070e-01	9.4500e-01	-7.4949e-02 -4.8694e-02 -
1.1834e-01	1.0250e+00	-7.9880e-02 -5.1676e-02 -
1.2526e-01	1.1000e+00	-8.4304e-02 -5.4309e-02 -
1.3194e-01	1.1750e+00	-8.8534e-02 -5.6787e-02 -
1.3881e-01	1.2550e+00	-9.2834e-02 -5.9257e-02 -
1.4541e-01	1.3350e+00	-9.6913e-02 -6.1550e-02 -
1.5174e-01	1.4150e+00	-1.0077e-01 -6.3666e-02 -
1.5780e-01	1.4950e+00	-1.0441e-01 -6.5605e-02 -
1.6324e-01	1.5700e+00	-1.0763e-01 -6.7261e-02 -
1.6878e-01	1.6500e+00	-1.1084e-01 -6.8856e-02 -
1.7405e-01	1.7300e+00	-1.1384e-01 -7.0273e-02 -
1.7906e-01	1.8100e+00	-1.1661e-01 -7.1514e-02 -
1.8379e-01	1.8900e+00	-1.1917e-01 -7.2577e-02 -
1.8826e-01	1.9700e+00	-1.2150e-01 -7.3464e-02 -
1.9220e-01	2.0450e+00	-1.2350e-01 -7.4134e-02 -
1.9470e-01	2.0950e+00	-1.2472e-01 -7.4495e-02 -
1.9710e-01	2.1450e+00	-1.2585e-01 -7.4786e-02 -
1.9939e-01	2.1950e+00	-1.2690e-01 -7.5009e-02 -
2.0157e-01	2.2450e+00	-1.2787e-01 -7.5162e-02 -
2.0405e-01	2.3050e+00	-1.2891e-01 -7.5258e-02 -
2.0563e-01	2.3450e+00	-1.2954e-01 -7.5460e-02 -
2.0750e-01	2.3950e+00	-1.3025e-01 -7.5713e-02 -
2.0926e-01	2.4450e+00	-1.3087e-01 -7.5966e-02 -

2.1092e-01	2.4950e+00	-1.3141e-01 -7.6218e-02 -
2.1248e-01	2.5450e+00	-1.3186e-01 -7.6471e-02 -
2.1393e-01	2.5950e+00	-1.3222e-01 -7.6724e-02 -
2.1528e-01	2.6450e+00	-1.3250e-01 -7.6976e-02 -
2.1664e-01	2.7000e+00	-1.3272e-01 -7.7254e-02 -
2.1788e-01	2.7550e+00	-1.3283e-01 -7.7532e-02 -
2.1889e-01	2.8050e+00	-1.3326e-01 -7.7784e-02 -
2.1972e-01	2.8500e+00	-1.3365e-01 -7.8011e-02 -
2.2045e-01	2.8950e+00	-1.3404e-01 -7.8239e-02 -
2.2118e-01	2.9450e+00	-1.3447e-01 -7.8491e-02 -
2.2174e-01	2.9900e+00	-1.3486e-01 -7.8718e-02 -
2.2226e-01	3.0400e+00	-1.3530e-01 -7.8970e-02 -
2.2264e-01	3.0850e+00	-1.3569e-01 -7.9198e-02 -
2.2294e-01	3.1300e+00	-1.3608e-01 -7.9425e-02 -
2.2335e-01	3.2350e+00	-1.3698e-01 -7.9954e-02 -
2.4847e-01	4.9950e+00	-1.5224e-01 -8.8839e-02 -
2.7148e-01	6.6000e+00	-1.6621e-01 -9.6972e-02 -

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[Ramp]

| ALVC244\_OUT\_33

variable	typ	min	max
dV/dt_r	1.95/3.19E-10	1.75/4.10E-10	2.13/2.62E-10
dV/dt_f	1.94/3.49E-10	1.76/4.25E-10	2.12/3.08E-10

R\_load = 500

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[Rising Waveform]

| ALVC244\_OUT\_33

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R\_fixture = 500

C\_fixture = 0

L\_fixture = 0

V\_fixture = 0



V\_fixture\_min = 0  
V\_fixture\_max = 0

V(max)	Time	V(typ)	V(min)
	0.0000e+00	7.2417e-11	3.2670e-09
6.1171e-11	7.6000e-10	-7.3905e-04	-4.1357e-04 -
8.4589e-04	1.1950e-09	-3.2988e-03	-3.4901e-03 -
2.9139e-03	1.3400e-09	-5.1090e-03	-5.0569e-03 -
2.2169e-03	1.4850e-09	-7.4006e-03	5.2734e-03 -
8.2672e-04	1.6300e-09	-1.0172e-02	2.0300e-02
1.2639e-03	1.6800e-09	6.9354e-03	2.6557e-02
2.7769e-02	1.7350e-09	3.0171e-02	3.4076e-02
6.3122e-02	1.7900e-09	5.7907e-02	4.2262e-02
1.0497e-01	1.8450e-09	9.0143e-02	5.1115e-02
1.5330e-01	1.8500e-09	9.5000e-02	5.1952e-02
1.6054e-01	1.8550e-09	1.0210e-01	5.2796e-02
1.7051e-01	1.8800e-09	1.4076e-01	5.7096e-02
2.2457e-01	1.9000e-09	1.7546e-01	6.0635e-02
2.7289e-01	1.9200e-09	2.1351e-01	6.4262e-02
3.2572e-01	1.9400e-09	2.5491e-01	8.8491e-02
3.8307e-01	1.9550e-09	2.8816e-01	1.0798e-01
4.2904e-01	1.9800e-09	3.4778e-01	1.4233e-01
5.1129e-01	1.9950e-09	3.8606e-01	1.6405e-01
5.6403e-01	2.0100e-09	4.2623e-01	1.8661e-01
6.1931e-01	2.0350e-09	4.9737e-01	2.2608e-01
7.1708e-01	2.0500e-09	5.4257e-01	2.5087e-01
7.7912e-01	2.0650e-09	5.8965e-01	2.7650e-01
8.4367e-01			

9.2045e-01	2.0750e-09	6.3763e-01	2.9406e-01
1.0011e+00	2.0850e-09	6.8809e-01	3.1198e-01
1.0858e+00	2.0950e-09	7.4078e-01	3.3028e-01
1.1744e+00	2.1050e-09	7.9570e-01	3.4895e-01
1.2670e+00	2.1150e-09	8.5285e-01	3.6800e-01
1.3147e+00	2.1200e-09	8.8226e-01	3.7766e-01
1.4133e+00	2.1300e-09	9.4275e-01	3.9726e-01
1.5157e+00	2.1400e-09	1.0055e+00	4.1723e-01
1.6222e+00	2.1500e-09	1.0704e+00	4.3758e-01
1.6769e+00	2.1550e-09	1.1037e+00	4.4789e-01
1.7893e+00	2.1650e-09	1.1720e+00	4.6880e-01
1.9029e+00	2.1750e-09	1.2426e+00	4.9008e-01
2.0471e+00	2.1900e-09	1.3525e+00	5.2269e-01
2.1432e+00	2.2000e-09	1.4286e+00	5.4490e-01
2.2393e+00	2.2100e-09	1.5069e+00	5.6748e-01
2.3833e+00	2.2250e-09	1.6037e+00	6.1412e-01
2.5261e+00	2.2400e-09	1.7006e+00	6.6298e-01
2.6072e+00	2.2500e-09	1.7653e+00	6.9669e-01
2.6463e+00	2.2550e-09	1.7977e+00	7.1388e-01
2.6844e+00	2.2600e-09	1.8302e+00	7.3130e-01
2.7578e+00	2.2700e-09	1.8952e+00	7.6683e-01
2.8272e+00	2.2800e-09	1.9604e+00	8.0327e-01
2.8605e+00	2.2850e-09	1.9930e+00	8.2183e-01
2.8929e+00	2.2900e-09	2.0256e+00	8.4061e-01
2.9546e+00	2.3000e-09	2.0911e+00	8.7886e-01
2.9838e+00	2.3050e-09	2.1238e+00	8.9833e-01

3.0111e+00	2.3100e-09	2.1566e+00	9.1803e-01
3.0372e+00	2.3150e-09	2.1895e+00	9.3795e-01
3.0859e+00	2.3250e-09	2.2552e+00	9.7847e-01
3.1301e+00	2.3350e-09	2.3211e+00	1.0199e+00
3.1697e+00	2.3450e-09	2.3871e+00	1.0623e+00
3.1878e+00	2.3500e-09	2.4202e+00	1.0838e+00
3.2048e+00	2.3550e-09	2.4533e+00	1.1055e+00
3.2206e+00	2.3600e-09	2.4782e+00	1.1275e+00
3.2645e+00	2.3750e-09	2.5496e+00	1.1947e+00
3.3061e+00	2.3900e-09	2.6163e+00	1.2640e+00
3.3412e+00	2.4050e-09	2.6784e+00	1.3354e+00
3.3610e+00	2.4150e-09	2.7172e+00	1.3841e+00
3.3778e+00	2.4250e-09	2.7538e+00	1.4337e+00
3.3998e+00	2.4400e-09	2.8050e+00	1.5098e+00
3.4212e+00	2.4550e-09	2.8514e+00	1.5880e+00
3.4387e+00	2.4700e-09	2.8932e+00	1.6682e+00
3.4523e+00	2.4850e-09	2.9303e+00	1.7505e+00
3.4621e+00	2.5000e-09	2.9627e+00	1.8348e+00
3.4754e+00	2.5200e-09	3.0039e+00	1.9229e+00
3.4829e+00	2.5350e-09	3.0301e+00	1.9891e+00
3.4894e+00	2.5550e-09	3.0588e+00	2.0774e+00
3.4932e+00	2.5650e-09	3.0721e+00	2.1179e+00
3.4997e+00	2.5850e-09	3.0948e+00	2.1954e+00
3.5049e+00	2.6050e-09	3.1123e+00	2.2685e+00
3.5086e+00	2.6250e-09	3.1275e+00	2.3370e+00
3.5106e+00	2.6350e-09	3.1344e+00	2.3685e+00

3.5134e+00	2.6500e-09	3.1432e+00	2.4127e+00
3.5166e+00	2.6700e-09	3.1524e+00	2.4667e+00
3.5192e+00	2.6900e-09	3.1599e+00	2.5150e+00
3.5210e+00	2.7050e-09	3.1657e+00	2.5474e+00
3.5245e+00	2.7350e-09	3.1752e+00	2.6050e+00
3.5260e+00	2.7500e-09	3.1788e+00	2.6319e+00
3.5273e+00	2.7650e-09	3.1816e+00	2.6565e+00
3.5288e+00	2.7850e-09	3.1857e+00	2.6858e+00
3.5303e+00	2.8050e-09	3.1897e+00	2.7109e+00
3.5314e+00	2.8200e-09	3.1924e+00	2.7271e+00
3.5327e+00	2.8400e-09	3.1955e+00	2.7451e+00
3.5359e+00	2.9000e-09	3.2025e+00	2.7923e+00
3.5371e+00	2.9300e-09	3.2057e+00	2.8106e+00
3.5381e+00	2.9550e-09	3.2079e+00	2.8220e+00
3.5393e+00	2.9900e-09	3.2104e+00	2.8322e+00
3.5404e+00	3.0300e-09	3.2133e+00	2.8460e+00
3.5412e+00	3.0600e-09	3.2152e+00	2.8538e+00
3.5419e+00	3.0900e-09	3.2169e+00	2.8593e+00
3.5434e+00	3.1800e-09	3.2208e+00	2.8709e+00
3.5456e+00	3.3750e-09	3.2262e+00	2.8860e+00
3.5471e+00	3.6450e-09	3.2295e+00	2.8976e+00
3.5478e+00	3.9500e-09	3.2311e+00	2.9043e+00
3.5480e+00	4.3200e-09	3.2318e+00	2.9074e+00
3.5479e+00	5.6100e-09	3.2318e+00	2.9087e+00
3.5478e+00	5.0000e-08	3.2317e+00	2.9085e+00

```
*****
[Falling Waveform]
| ALVC244_OUT_33
|
R_fixture =      500
C_fixture =       0
L_fixture =       0
V_fixture =       3.3
V_fixture_min =   3
V_fixture_max =   3.6
|
|              Time                V(typ)          V(min)
V(max)
|
|              0.0000e+00           3.3000e+00    3.0000e+00
3.6000e+00
|              3.4000e-10           3.3002e+00    2.9995e+00
3.6030e+00
|              8.1500e-10           3.3051e+00    3.0011e+00
3.6070e+00
|              8.9000e-10           3.3061e+00    3.0019e+00
3.5975e+00
|              9.6500e-10           3.3072e+00    3.0027e+00
3.5844e+00
|              1.1100e-09           3.3095e+00    3.0049e+00
3.5484e+00
|              1.1500e-09           3.2985e+00    3.0056e+00
3.5361e+00
|              1.1550e-09           3.2968e+00    3.0057e+00
3.5317e+00
|              1.1900e-09           3.2838e+00    3.0063e+00
3.4883e+00
|              1.2250e-09           3.2687e+00    3.0070e+00
3.4383e+00
|              1.2600e-09           3.2516e+00    3.0076e+00
3.3817e+00
|              1.2950e-09           3.2325e+00    3.0082e+00
3.3184e+00
|              1.3250e-09           3.2145e+00    3.0088e+00
3.2589e+00
|              1.3450e-09           3.2016e+00    3.0092e+00
3.2155e+00
|              1.3700e-09           3.1847e+00    3.0097e+00
3.1247e+00
|              1.3850e-09           3.1740e+00    3.0100e+00
3.0647e+00
|              1.4000e-09           3.1629e+00    3.0103e+00
3.0007e+00
|              1.4250e-09           3.1436e+00    3.0108e+00
2.8849e+00
```

2.7578e+00	1.4500e-09	3.1233e+00	3.0113e+00
2.6761e+00	1.4650e-09	3.1106e+00	3.0116e+00
2.5903e+00	1.4800e-09	3.0976e+00	3.0119e+00
2.5004e+00	1.4950e-09	3.0841e+00	3.0123e+00
2.4065e+00	1.5100e-09	3.0703e+00	3.0126e+00
2.2408e+00	1.5350e-09	3.0465e+00	3.0132e+00
2.2038e+00	1.5400e-09	3.0416e+00	3.0133e+00
2.0846e+00	1.5550e-09	3.0266e+00	3.0136e+00
1.9164e+00	1.5750e-09	3.0062e+00	3.0141e+00
1.7378e+00	1.5950e-09	2.9529e+00	3.0145e+00
1.5486e+00	1.6150e-09	2.8954e+00	3.0150e+00
1.3489e+00	1.6350e-09	2.8344e+00	3.0147e+00
1.1387e+00	1.6550e-09	2.7700e+00	3.0030e+00
1.0944e+00	1.6600e-09	2.7533e+00	2.9999e+00
9.5578e-01	1.6800e-09	2.6847e+00	2.9868e+00
8.2984e-01	1.7000e-09	2.6126e+00	2.9726e+00
7.4372e-01	1.7150e-09	2.5563e+00	2.9613e+00
6.6474e-01	1.7300e-09	2.4981e+00	2.9493e+00
5.9321e-01	1.7450e-09	2.4380e+00	2.9368e+00
5.3007e-01	1.7600e-09	2.3760e+00	2.9237e+00
4.7452e-01	1.7750e-09	2.3120e+00	2.9099e+00
4.2654e-01	1.7900e-09	2.2462e+00	2.8956e+00
3.8615e-01	1.8050e-09	2.1784e+00	2.8807e+00
3.7437e-01	1.8100e-09	2.1506e+00	2.8756e+00
3.5334e-01	1.8200e-09	2.0888e+00	2.8652e+00
3.1086e-01	1.8400e-09	1.9589e+00	2.8435e+00

2.7243e-01	1.8600e-09	1.8208e+00	2.8208e+00
2.4852e-01	1.8750e-09	1.7117e+00	2.8031e+00
2.2316e-01	1.8950e-09	1.5590e+00	2.7785e+00
2.0904e-01	1.9100e-09	1.4390e+00	2.7593e+00
1.9379e-01	1.9250e-09	1.3144e+00	2.7396e+00
1.7744e-01	1.9450e-09	1.1410e+00	2.7123e+00
1.6818e-01	1.9600e-09	1.0467e+00	2.6912e+00
1.6021e-01	1.9750e-09	9.5686e-01	2.6694e+00
1.4442e-01	2.0050e-09	7.8798e-01	2.6242e+00
1.3247e-01	2.0350e-09	6.3345e-01	2.5765e+00
1.2883e-01	2.0450e-09	5.8858e-01	2.5600e+00
1.2548e-01	2.0550e-09	5.4747e-01	2.5433e+00
1.2242e-01	2.0650e-09	5.0892e-01	2.5264e+00
1.2101e-01	2.0700e-09	4.9060e-01	2.5138e+00
1.1595e-01	2.0900e-09	4.2372e-01	2.4520e+00
1.1106e-01	2.1100e-09	3.6706e-01	2.3868e+00
1.0782e-01	2.1250e-09	3.3128e-01	2.3357e+00
1.0406e-01	2.1450e-09	2.8838e-01	2.2646e+00
9.9888e-02	2.1700e-09	2.4469e-01	2.1709e+00
9.7549e-02	2.1850e-09	2.2459e-01	2.1121e+00
9.5427e-02	2.2000e-09	2.0905e-01	2.0514e+00
9.2933e-02	2.2200e-09	1.9545e-01	1.9675e+00
9.0308e-02	2.2450e-09	1.7853e-01	1.8579e+00
8.8289e-02	2.2650e-09	1.6930e-01	1.7664e+00
8.6515e-02	2.2850e-09	1.6465e-01	1.6725e+00
8.4987e-02	2.3050e-09	1.6458e-01	1.5891e+00

8.4314e-02	2.3150e-09	1.6627e-01	1.5471e+00
8.1595e-02	2.3600e-09	1.5545e-01	1.3551e+00
7.9519e-02	2.4050e-09	1.4638e-01	1.1586e+00
7.7850e-02	2.4500e-09	1.3820e-01	9.5744e-01
7.6447e-02	2.5000e-09	1.3045e-01	7.2855e-01
7.5808e-02	2.5400e-09	1.2463e-01	5.9079e-01
7.5674e-02	2.5550e-09	1.2259e-01	5.4216e-01
7.5340e-02	2.5750e-09	1.1982e-01	4.8711e-01
7.4980e-02	2.5950e-09	1.1710e-01	4.3884e-01
7.4691e-02	2.6100e-09	1.1509e-01	4.0709e-01
7.4088e-02	2.6400e-09	1.1117e-01	3.5257e-01
7.3760e-02	2.6600e-09	1.0882e-01	3.2041e-01
7.3373e-02	2.6850e-09	1.0606e-01	2.8687e-01
7.3084e-02	2.7050e-09	1.0400e-01	2.6538e-01
7.2432e-02	2.7550e-09	9.9394e-02	2.2518e-01
7.2022e-02	2.7900e-09	9.6594e-02	2.0408e-01
7.1706e-02	2.8200e-09	9.4485e-02	1.9283e-01
7.1169e-02	2.8800e-09	9.1072e-02	1.7924e-01
7.0832e-02	2.9250e-09	8.8885e-02	1.7727e-01
7.0509e-02	2.9750e-09	8.6820e-02	1.8373e-01
7.0301e-02	3.0150e-09	8.5509e-02	1.8116e-01
6.9650e-02	3.1700e-09	8.2014e-02	1.6777e-01
6.9010e-02	3.3950e-09	7.9573e-02	1.4181e-01
6.8711e-02	3.5500e-09	7.8442e-02	1.2701e-01
6.8458e-02	3.7000e-09	7.8014e-02	1.1703e-01
6.8219e-02	3.8800e-09	7.7451e-02	1.0960e-01



6.7766e-02	4.3750e-09	7.6654e-02	1.0165e-01
6.7264e-02	5.1000e-09	7.5996e-02	9.8522e-02
6.6139e-02	1.1955e-08	7.3191e-02	9.1855e-02
6.6093e-02	5.0000e-08	7.2854e-02	8.9693e-02

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[Rising Waveform]

ALVC244\_OUT\_33

R\_fixture = 500

C\_fixture = 0

L\_fixture = 0

V\_fixture = 3.3

V\_fixture\_min = 3

V\_fixture\_max = 3.6

	Time	V(typ)	V(min)
V(max)	0.0000e+00	7.2853e-02	8.9690e-02
6.6092e-02	7.6000e-10	7.2022e-02	8.8972e-02
6.5245e-02	1.1950e-09	7.0144e-02	8.6748e-02
6.3745e-02	1.3400e-09	6.9142e-02	8.5705e-02
6.4889e-02	1.4850e-09	6.7951e-02	9.9690e-02
6.6855e-02	1.6300e-09	6.6572e-02	1.1972e-01
6.9651e-02	1.6800e-09	8.5045e-02	1.2801e-01
9.6948e-02	1.7350e-09	1.1002e-01	1.3795e-01
1.3331e-01	1.7900e-09	1.3975e-01	1.4875e-01
1.7632e-01	1.8450e-09	1.7423e-01	1.6041e-01
2.2596e-01	1.8500e-09	1.7948e-01	1.6151e-01
2.3354e-01	1.8550e-09	1.8722e-01	1.6262e-01
2.4408e-01	1.8800e-09	2.2935e-01	1.6828e-01
3.0129e-01	1.9000e-09	2.6720e-01	1.7293e-01
3.5251e-01			

4.0857e-01	1.9200e-09	3.0872e-01	1.7769e-01
4.6947e-01	1.9400e-09	3.5393e-01	2.0580e-01
5.1833e-01	1.9550e-09	3.9025e-01	2.2838e-01
6.0581e-01	1.9800e-09	4.5538e-01	2.6814e-01
6.6192e-01	1.9950e-09	4.9722e-01	2.9328e-01
7.2077e-01	2.0100e-09	5.4113e-01	3.1937e-01
8.2489e-01	2.0350e-09	6.1891e-01	3.6497e-01
8.9100e-01	2.0500e-09	6.6834e-01	3.9361e-01
9.5979e-01	2.0650e-09	7.1984e-01	4.2321e-01
1.0392e+00	2.0750e-09	7.7189e-01	4.4347e-01
1.1226e+00	2.0850e-09	8.2663e-01	4.6416e-01
1.1658e+00	2.0900e-09	8.5490e-01	4.7466e-01
1.2552e+00	2.1000e-09	9.1324e-01	4.9599e-01
1.3487e+00	2.1100e-09	9.7398e-01	5.1774e-01
1.4461e+00	2.1200e-09	1.0371e+00	5.3991e-01
1.5476e+00	2.1300e-09	1.1027e+00	5.6251e-01
1.5999e+00	2.1350e-09	1.1364e+00	5.7397e-01
1.7074e+00	2.1450e-09	1.2055e+00	5.9721e-01
1.8189e+00	2.1550e-09	1.2771e+00	6.2087e-01
1.9345e+00	2.1650e-09	1.3510e+00	6.4495e-01
1.9938e+00	2.1700e-09	1.3889e+00	6.5716e-01
2.0507e+00	2.1750e-09	1.4274e+00	6.6947e-01
2.1451e+00	2.1850e-09	1.5062e+00	6.9440e-01
2.2386e+00	2.1950e-09	1.5874e+00	7.1977e-01
2.3774e+00	2.2100e-09	1.7136e+00	7.5861e-01
2.5596e+00	2.2300e-09	1.8431e+00	8.2464e-01

2.6484e+00	2.2400e-09	1.9070e+00	8.5898e-01
2.6874e+00	2.2450e-09	1.9388e+00	8.7647e-01
2.7622e+00	2.2550e-09	2.0020e+00	9.1208e-01
2.8330e+00	2.2650e-09	2.0647e+00	9.4853e-01
2.8670e+00	2.2700e-09	2.0958e+00	9.6708e-01
2.9319e+00	2.2800e-09	2.1578e+00	1.0048e+00
2.9928e+00	2.2900e-09	2.2193e+00	1.0433e+00
3.0497e+00	2.3000e-09	2.2803e+00	1.0827e+00
3.0765e+00	2.3050e-09	2.3106e+00	1.1028e+00
3.1256e+00	2.3150e-09	2.3709e+00	1.1434e+00
3.1485e+00	2.3200e-09	2.4009e+00	1.1641e+00
3.1909e+00	2.3300e-09	2.4604e+00	1.2060e+00
3.2288e+00	2.3400e-09	2.5195e+00	1.2488e+00
3.2622e+00	2.3500e-09	2.5781e+00	1.2924e+00
3.2773e+00	2.3550e-09	2.6073e+00	1.3145e+00
3.2912e+00	2.3600e-09	2.6304e+00	1.3368e+00
3.3161e+00	2.3700e-09	2.6750e+00	1.3821e+00
3.3563e+00	2.3850e-09	2.7380e+00	1.4516e+00
3.3800e+00	2.3950e-09	2.7775e+00	1.4990e+00
3.4108e+00	2.4100e-09	2.8328e+00	1.5717e+00
3.4282e+00	2.4200e-09	2.8671e+00	1.6212e+00
3.4497e+00	2.4350e-09	2.9146e+00	1.6970e+00
3.4645e+00	2.4450e-09	2.9437e+00	1.7486e+00
3.4778e+00	2.4550e-09	2.9708e+00	1.8011e+00
3.4896e+00	2.4650e-09	2.9958e+00	1.8543e+00
3.5043e+00	2.4800e-09	3.0294e+00	1.9359e+00

3.5122e+00	2.4900e-09	3.0493e+00	1.9912e+00
3.5186e+00	2.5000e-09	3.0670e+00	2.0475e+00
3.5288e+00	2.5150e-09	3.0942e+00	2.1105e+00
3.5391e+00	2.5350e-09	3.1245e+00	2.1939e+00
3.5456e+00	2.5550e-09	3.1481e+00	2.2767e+00
3.5542e+00	2.5800e-09	3.1749e+00	2.3691e+00
3.5583e+00	2.5950e-09	3.1880e+00	2.4210e+00
3.5625e+00	2.6150e-09	3.2020e+00	2.4861e+00
3.5652e+00	2.6300e-09	3.2111e+00	2.5313e+00
3.5680e+00	2.6450e-09	3.2195e+00	2.5727e+00
3.5706e+00	2.6600e-09	3.2264e+00	2.6109e+00
3.5728e+00	2.6750e-09	3.2320e+00	2.6459e+00
3.5740e+00	2.6850e-09	3.2349e+00	2.6675e+00
3.5756e+00	2.7000e-09	3.2398e+00	2.6972e+00
3.5787e+00	2.7300e-09	3.2486e+00	2.7496e+00
3.5802e+00	2.7450e-09	3.2521e+00	2.7739e+00
3.5816e+00	2.7600e-09	3.2550e+00	2.7959e+00
3.5831e+00	2.7800e-09	3.2582e+00	2.8217e+00
3.5844e+00	2.8000e-09	3.2619e+00	2.8435e+00
3.5857e+00	2.8250e-09	3.2659e+00	2.8651e+00
3.5872e+00	2.8500e-09	3.2692e+00	2.8813e+00
3.5887e+00	2.8800e-09	3.2723e+00	2.9029e+00
3.5899e+00	2.9100e-09	3.2754e+00	2.9198e+00
3.5910e+00	2.9450e-09	3.2786e+00	2.9334e+00
3.5920e+00	2.9750e-09	3.2809e+00	2.9398e+00
3.5931e+00	3.0150e-09	3.2833e+00	2.9515e+00

3.5939e+00	3.0500e-09	3.2854e+00	2.9594e+00
3.5945e+00	3.0850e-09	3.2873e+00	2.9647e+00
3.5955e+00	3.1400e-09	3.2896e+00	2.9681e+00
3.5969e+00	3.2550e-09	3.2930e+00	2.9779e+00
3.5990e+00	3.5800e-09	3.2976e+00	2.9902e+00
3.5998e+00	3.8800e-09	3.2992e+00	2.9962e+00
3.6001e+00	4.3150e-09	3.3001e+00	2.9993e+00
3.6000e+00	5.0000e-08	3.3000e+00	3.0000e+00

|  
| \*\*\*\*\*  
| \*\*\*\*\*

[Falling Waveform]

| ALVC244\_OUT\_33

|  
R\_fixture = 500  
C\_fixture = 0  
L\_fixture = 0  
V\_fixture = 0  
V\_fixture\_min = 0  
V\_fixture\_max = 0

	Time	V(typ)	V(min)
V(max)			
3.5478e+00	0.0000e+00	3.2317e+00	2.9085e+00
3.5503e+00	3.1000e-10	3.2318e+00	2.9081e+00
3.5526e+00	8.1500e-10	3.2359e+00	2.9097e+00
3.5423e+00	8.9000e-10	3.2365e+00	2.9103e+00
3.5293e+00	9.6000e-10	3.2370e+00	2.9109e+00
3.5116e+00	1.0350e-09	3.2377e+00	2.9116e+00
3.4900e+00	1.1100e-09	3.2383e+00	2.9124e+00
3.4770e+00	1.1500e-09	3.2262e+00	2.9129e+00
3.4724e+00	1.1550e-09	3.2244e+00	2.9130e+00
3.4274e+00	1.1900e-09	3.2104e+00	2.9134e+00

3.3755e+00	1.2250e-09	3.1942e+00	2.9137e+00
3.3256e+00	1.2550e-09	3.1786e+00	2.9138e+00
3.2611e+00	1.2900e-09	3.1584e+00	2.9139e+00
3.2003e+00	1.3200e-09	3.1393e+00	2.9140e+00
3.1446e+00	1.3450e-09	3.1223e+00	2.9140e+00
3.0669e+00	1.3650e-09	3.1078e+00	2.9141e+00
3.0033e+00	1.3800e-09	3.0965e+00	2.9141e+00
2.9352e+00	1.3950e-09	3.0848e+00	2.9141e+00
2.8872e+00	1.4050e-09	3.0768e+00	2.9141e+00
2.8114e+00	1.4200e-09	3.0645e+00	2.9141e+00
2.7311e+00	1.4350e-09	3.0517e+00	2.9141e+00
2.6750e+00	1.4450e-09	3.0430e+00	2.9141e+00
2.5870e+00	1.4600e-09	3.0296e+00	2.9141e+00
2.4944e+00	1.4750e-09	3.0158e+00	2.9141e+00
2.3973e+00	1.4900e-09	3.0016e+00	2.9141e+00
2.2957e+00	1.5050e-09	2.9870e+00	2.9141e+00
2.1894e+00	1.5200e-09	2.9720e+00	2.9141e+00
2.0786e+00	1.5350e-09	2.9566e+00	2.9140e+00
1.9989e+00	1.5450e-09	2.9461e+00	2.9140e+00
1.9161e+00	1.5550e-09	2.9354e+00	2.9140e+00
1.7432e+00	1.5750e-09	2.9136e+00	2.9139e+00
1.5606e+00	1.5950e-09	2.8529e+00	2.9139e+00
1.4173e+00	1.6100e-09	2.8040e+00	2.9138e+00
1.2686e+00	1.6250e-09	2.7529e+00	2.9138e+00
1.1663e+00	1.6350e-09	2.7175e+00	2.9129e+00
1.0653e+00	1.6450e-09	2.6812e+00	2.9063e+00

9.9248e-01	1.6550e-09	2.6439e+00	2.8994e+00
9.2300e-01	1.6650e-09	2.6056e+00	2.8922e+00
8.5685e-01	1.6750e-09	2.5663e+00	2.8847e+00
7.9401e-01	1.6850e-09	2.5260e+00	2.8769e+00
7.0597e-01	1.7000e-09	2.4637e+00	2.8646e+00
6.2540e-01	1.7150e-09	2.3991e+00	2.8517e+00
5.7581e-01	1.7250e-09	2.3549e+00	2.8428e+00
5.2946e-01	1.7350e-09	2.3096e+00	2.8335e+00
4.6612e-01	1.7500e-09	2.2399e+00	2.8190e+00
4.1020e-01	1.7650e-09	2.1679e+00	2.8039e+00
3.6170e-01	1.7800e-09	2.0937e+00	2.7881e+00
2.9451e-01	1.8050e-09	1.9651e+00	2.7603e+00
2.6842e-01	1.8150e-09	1.9050e+00	2.7486e+00
2.3315e-01	1.8300e-09	1.8096e+00	2.7306e+00
2.0251e-01	1.8450e-09	1.7104e+00	2.7119e+00
1.7650e-01	1.8600e-09	1.6075e+00	2.6925e+00
1.4854e-01	1.8800e-09	1.4643e+00	2.6657e+00
1.3002e-01	1.8950e-09	1.3524e+00	2.6448e+00
1.1096e-01	1.9150e-09	1.1974e+00	2.6158e+00
1.0088e-01	1.9300e-09	1.0767e+00	2.5933e+00
9.0923e-02	1.9450e-09	9.5215e-01	2.5702e+00
7.8692e-02	1.9650e-09	8.3671e-01	2.5383e+00
6.7178e-02	1.9900e-09	7.0446e-01	2.4968e+00
5.7072e-02	2.0150e-09	5.8434e-01	2.4534e+00
5.0706e-02	2.0350e-09	4.9700e-01	2.4173e+00
4.6788e-02	2.0500e-09	4.3896e-01	2.3895e+00

4.2775e-02	2.0650e-09	3.8659e-01	2.3610e+00
4.1534e-02	2.0700e-09	3.7029e-01	2.3467e+00
3.7053e-02	2.0900e-09	3.1088e-01	2.2762e+00
3.4200e-02	2.1050e-09	2.7240e-01	2.2207e+00
3.1782e-02	2.1200e-09	2.3913e-01	2.1630e+00
2.7787e-02	2.1450e-09	1.9126e-01	2.0620e+00
2.4385e-02	2.1700e-09	1.5259e-01	1.9549e+00
2.2150e-02	2.1900e-09	1.2980e-01	1.8649e+00
2.0620e-02	2.2050e-09	1.1746e-01	1.7948e+00
1.8149e-02	2.2300e-09	1.0220e-01	1.6730e+00
1.5315e-02	2.2650e-09	7.9576e-02	1.4923e+00
1.4024e-02	2.2850e-09	7.0958e-02	1.3849e+00
1.0979e-02	2.3400e-09	5.6133e-02	1.1178e+00
8.9900e-03	2.3900e-09	4.5852e-02	8.6728e-01
8.5153e-03	2.4050e-09	4.4154e-02	8.0159e-01
7.8566e-03	2.4250e-09	4.1134e-02	7.1932e-01
7.4119e-03	2.4400e-09	3.8978e-02	6.6039e-01
6.8847e-03	2.4600e-09	3.6459e-02	5.8551e-01
6.4328e-03	2.4800e-09	3.4346e-02	5.1485e-01
6.0559e-03	2.5000e-09	3.2640e-02	4.4840e-01
5.8530e-03	2.5150e-09	3.1271e-02	4.0571e-01
5.6604e-03	2.5350e-09	2.9645e-02	3.5413e-01
5.4998e-03	2.5600e-09	2.7852e-02	2.9816e-01
5.2519e-03	2.5800e-09	2.6266e-02	2.5980e-01
4.9726e-03	2.6000e-09	2.4684e-02	2.2730e-01
4.6621e-03	2.6200e-09	2.3107e-02	2.0067e-01



3.9646e-03	2.6700e-09	1.9451e-02	1.4616e-01
3.7294e-03	2.6900e-09	1.8128e-02	1.2841e-01
3.5065e-03	2.7100e-09	1.6868e-02	1.1377e-01
2.8191e-03	2.7800e-09	1.2981e-02	7.6097e-02
2.5659e-03	2.8100e-09	1.1580e-02	6.4411e-02
2.3384e-03	2.8400e-09	1.0332e-02	5.6415e-02
1.7220e-03	2.9450e-09	6.8976e-03	3.7962e-02
1.3603e-03	3.0450e-09	4.6401e-03	2.9593e-02
5.6085e-04	3.5100e-09	8.2854e-04	1.2172e-02
3.5152e-04	3.9750e-09	2.1469e-04	3.1637e-03
2.2459e-04	4.8050e-09	2.1946e-04	2.9830e-04
2.3525e-07	5.0000e-08	3.7475e-07	7.5328e-07

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| \*\*\*\*\*  
| \*\*\*\*\*  
| End component alvc244a  
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|  
[END]