

μ A9614, 9616, 9624 Line Drivers

REFERENCE TABLE

Code	Stock No.
9614DC	35920H
9614DM	35921F
9616DC	35922D
9624DC	35923B

See outline drawing No. 136 for dimensions.

μ A9615, 9617, 9622, 9625 Line Receivers

SELECTION GUIDE

Key features	μ A9614	μ A9616	μ A9624
Supply voltages*	+5.0	+12 -12	+5.0 0 to -30
V_{IH} (V) 51 grade	1.7		1.9
59 grade	1.8	2.0	1.9
V_{IL} (V) 51 grade	0.9		1.1
59 grade	0.85	0.8	1.1
V_{OH} (V)	+3.2	+6.0	-0.5
V_{OL} (V)	+0.2	-6.0	+0.2
I_O (on) (mA)			
I_O (off) (μ A)			
I_{SC} (mA)	-90	+15 -15	-20
P_D (mW)	175	250	40
t_{pd} (ns)	16	300	120

REFERENCE TABLE

Code	Stock No.
9615DC	35924X
9615DM	35925R
9617DC	35926G
9622DC	35927E
9625DC	35928C

See outline drawing No. 136 for dimensions.

Selection Guide

Key features	μ A9615	μ A9617	μ A9622	μ A9625
Supply voltages	+5.0	+5.0	+5.0 -10	+5.0 -11 to -30
V_{OL} (V) 51 grade	0.40		0.40	0.40
59 grade	0.45	0.40	0.45	0.50
V_{OH} (V) 51 grade	2.4		3.0	2.6
59 grade	2.4	2.4	3.0	2.6
V_{TH} (V)	± 0.5	+1.5	± 2.0	-3.0 -9.0
VCM (V)	± 15	± 25	± 10	
R_{IN} (k Ω)	7	4	5	22
P_{DISS} (mW)	175	100	140	60
t_{pd} (ns)	28	50	35	70
Diff. inputs	x		x	
Output enable	x		x	
Response control	x	x		
Line terminator	x	x	x	
Wired-OR output	x	x	x	
Failsafe control		x	x	

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING