



74AUP1G34 SINGLE BUFFER GATE

Description

The Advanced Ultra Low Power (AUP) CMOS logic family is designed for low power and extended battery life in portable applications.

The 74AUP1G34 is a single buffer gate with a standard push-pull output designed for operation over a power supply range of 0.8V to 3.6V. The device is fully specified for partial power down applications using I_{OFF} . The I_{OFF} circuitry disables the output preventing damaging current backflow when the device is powered down.

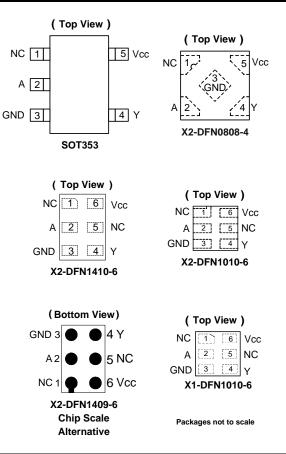
The gate performs the positive Boolean function:

 $\mathsf{Y}=\mathsf{A}$

Features

- Advanced Ultra Low Power (AUP) CMOS
- Supply Voltage Range from 0.8V to 3.6V
- ±4mA Output Drive at 3.0V
- Low Static power consumption
 - I_{CC} < 0.9μA
- Low Dynamic Power Consumption
 - C_{PD} = 6.3pF (Typical at 3.6V)
- Schmitt Trigger Action at All Inputs Make the Circuit Tolerant for Slower Input Rise and Fall Time. The hysteresis is typically 250mV at V_{CC} = 3.0V
- IOFF Supports Partial-Power-Down Mode Operation
 - ESD Protection Exceeds JESD 22
 - 2000-V Human Body Model (A114)
- Exceeds 1000-V Charged Device Model (C101)
- Latch-Up Exceeds 100mA per JESD 78, Class I
- Leadless packages named per JESD30E
- Totally Lead-Free & Fully RoHS Compliant (Notes 1 & 2)
- Halogen and Antimony Free. "Green" Device (Note 3)

Pin Assignments



Applications

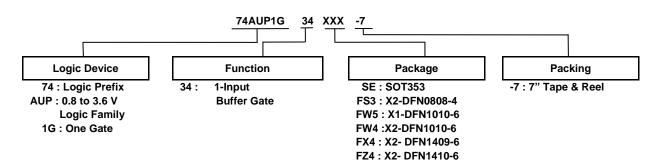
- Suited for battery and low power needs
- Wide array of products such as:
 - Tablets, E-readers
 - Cell Phones, Personal Navigation / GPS
 - MP3 Players ,Cameras, Video Recorders
 - PCs, Ultrabooks, Notebooks, Netbooks
 - Computer Peripherals, Hard Drives, CD/DVD ROM
 - TV, DVD, DVR, Set-Top Box

Notes: 1. No purposely added lead. Fully EU Directive 2002/95/EC (RoHS) & 2011/65/EU (RoHS 2) compliant.

See http://www.diodes.com for more information about Diodes Incorporated's definitions of Halogen- and Antimony-free, "Green" and Lead-free.
Halogen- and Antimony-free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds.



Ordering Information



Device	Package	Package	Package	7" Tape	and Reel
Device	Code	(Notes 4, 5)	Size	Quantity	Part Number Suffix
74AUP1G34SE-7	SE	SOT353	2.0mm X 2.0mm X 1.1mm 0.65 mm lead pitch	3000/Tape & Reel	-7
74AUP1G34FS3-7	FS3	X2-DFN0808-4	0.8mm X 0.8mm X 0.35mm 0.5 mm pad pitch (diamond)	5000/Tape & Reel	-7
74AUP1G34FW5-7	FW5	X1-DFN1010-6	1.0mm X 1.0mm X 0.5mm 0.35 mm pad pitch	5000/Tape & Reel	-7
74AUP1G34FW4-7	FW4	X2-DFN1010-6	1.0mm X 1.0mm X 0.4mm 0.35 mm pad pitch	5000/Tape & Reel	-7
74AUP1G34FX4-7	FX4	X2-DFN1409-6 Chip scale alternative	1.4mm X 0.9mm X 0.4mm 0.5 mm pad pitch	5000/Tape & Reel	-7
74AUP1G34FZ4-7	FZ4	X2-DFN1410-6	1.4mm X 1.0mm X 0.4mm 0.5 mm pad pitch	5000/Tape & Reel	-7

Notes: 4. Pad layout as shown on Diodes Inc. suggested pad layout document AP02001, which can be found on our website at

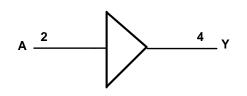
http://www.diodes.com/datasheets/ap02001.pdf.

5. The taping orientation is located on our website at http://www.diodes.com/datasheets/ap02007.pdf.

Pin Descriptions

Pin Name	Function
NC	No Connection
A	Data Input
GND	Ground
Y	Data Output
Vcc	Supply Voltage

Logic Diagram



Function Table

Inputs	Output
Α	Y
Н	Н
L	L



Absolute Maximum Ratings (Notes 6, 7) (@T_A = +25°C, unless otherwise specified.)

Symbol	Parameter	Rating	Unit
ESD HBM	Human Body Model ESD Protection	2	kV
ESD CDM	Charged Device Model ESD Protection	1	kV
V _{CC}	Supply Voltage Range	-0.5 to +4.6	V
VI	Input Voltage Range	-0.5 to +4.6	V
Vo	Voltage Applied to Output in High or Low State	-0.5 to V _{CC} +0.5	V
I _{IK}	Input Clamp Current VI < 0	50	mA
I _{OK}	Output Clamp Current (V _O < 0)	50	mA
Ι _Ο	Continuous Output Current ($V_0 = 0$ to V_{CC})	±20	mA
Icc	Continuous Current Through V _{CC}	50	mA
I _{GND}	Continuous Current Through GND	-50	mA
TJ	Operating Junction Temperature	-40 to +150	°C
T _{STG}	Storage Temperature	-65 to +150	°C

Notes: 6. Stresses beyond the absolute maximum may result in immediate failure or reduced reliability. These are stress values and device operation should be within recommend values.

7. Forcing the maximum allowed voltage could cause a condition exceeding the maximum current or conversely forcing the maximum current could cause a condition exceeding the maximum voltage. The ratings of both current and voltage must be maintained within the controlled range.

Symbol	P	arameter	Min	Max	Unit
V _{CC}	Operating Voltage		0.8	3.6	V
VI	Input Voltage		0	3.6	V
Vo	Output Voltage		0	V _{CC}	V
		$V_{CC} = 0.8V$	_	-20	μA
		V _{CC} = 1.1V	_	-1.1	
		$V_{CC} = 1.4V$	_	-1.7	
I _{ОН}	High-Level output current	V _{CC} = 1.65V	_	-1.9	mA
		$V_{CC} = 2.3V$	_	-3.1	
		$V_{CC} = 3.0V$	_	-4	
		$V_{CC} = 0.8V$	_	20	μA
		$V_{CC} = 1.1V$	_	1.1	
		$V_{CC} = 1.4V$	_	1.7	
I _{OL}	Low-Level output current	V _{CC} = 1.65V	_	1.9	mA
		$V_{CC} = 2.3V$	_	3.1	
		V _{CC} = 3.0V	_	4	
Δt/ΔV	Input Transition Rise or Fall Rate	$V_{CC} = 0.8V$ to 3.6V	_	200	ns/V
T _A	Operating Free-Air Temperature	1	-40	+125	°C

Recommended Operating Conditions (Note 8) (@T_A = +25°C, unless otherwise specified.)

Note: 8. Unused inputs should be held at V_{CC} or Ground.



Electrical Characteristics (@T_A = +25°C, unless otherwise specified.)

Symbol	Parameter	Test Conditions	V	T _A = -	+25°C	T _A = -40°C	C to +85°C	Unit
Symbol	Parameter	Test Conditions	V _{cc}	Min	Max	Min	Max	Unit
		—	0.8V to 1.65V	0.80 X V _{CC}	—	0.80 X V _{CC}	—	
VIH	High-Level Input	_	1.65V to 1.95V	0.65 X V _{CC}	—	0.65 X V _{CC}	—	V
VIH	Voltage	_	2.3V to 2.7V	1.6	—	1.6	_	v
		_	3.0V to 3.6V	2.0	—	2.0	_	
			0.8V to 1.65V	—	$0.30 \times V_{CC}$		$0.30 \ X \ V_{CC}$	
VIL	Low-Level Input		1.65V to 1.95V	—	$0.35 \times V_{CC}$	_	0.35 X V_{CC}	V
۷IL	Voltage	_	2.3V to 2.7V	—	0.7		0.7	v
		_	3.0V to 3.6V		0.9		0.9	
		I _{OH} = -20µА	0.8V to 3.6V	Vcc-0.1	—	V _{CC} -0.1	—	
		I _{OH} = -1.1mA	1.1V	0.75 X V_{CC}	—	0.7 X V _{CC}	_	
		I _{OH} = -1.7mA	1.4V	1.11	—	1.03	—	
	High-Level	I _{OH} = -1.9mA	1.65V	1.32	—	1.3	—	N/
Vон	V _{OH} Output Voltage	I _{OH} = -2.3mA	0.01/	2.05	—	1.97	—	V
		I _{OH} = -3.1mA	2.3V	1.9		1.85		
		I _{OH} = -2.7mA	0.4	2.72		2.67		
		I _{OH} = -4mA	3V	2.6	_	2.55	_	
		I _{OL} = 20μΑ	0.8V to 3.6V	—	0.1	_	0.1	
		I _{OL} = 1.1mA	1.1V		0.3 X V _{CC}	_	0.3 X V _{CC}	
		I _{OL} = 1.7mA	1.4V		0.31	_	0.37	
	Low-Level	I _{OL} = 1.9mA	1.65V	_	0.31		0.35	
V _{OL}	Output Voltage	I _{OL} = 2.3mA		—	0.31		0.33	V
		I _{OL} = 3.1mA	2.3V	_	0.44		0.45	
		I _{OL} = 2.7mA		_	0.31	_	0.33	
		I _{OL} = 4mA	3V		0.44		0.45	
lı	Input Current	A or B Input V _I = GND to 3.6V	0 to 3.6V		±0.1		±0.5	μA
I _{OFF}	Power Down Leakage Current	V_{I} or $V_{O} = 0V$ to 3.6V	0	_	0.2	_	0.6	μA
ΔI _{OFF}	Delta Power Down Leakage Current	$V_{\rm I}$ or $V_{\rm O}$ = 0V to 3.6V	0 to 0.2V	—	0.2		0.6	μΑ
Icc	Supply Current	$V_{I} = GND \text{ or } V_{CC}, I_{O} = 0$	0.8V to 3.6V	—	0.5	_	0.9	μA
ΔI _{CC}	Additional Supply Current	Input at V _{CC} -0.6	3.3V	_	40	_	50	μA



Electrical Characteristics (cont.) ($@T_A = +25^{\circ}C$, unless otherwise specified.)

Cumula al	Denemeter	Test Canditions		T _A = -40°C	to +125°C	L Incit
Symbol	Parameter	Test Conditions	V _{cc}	Min	Max	Unit
		—	0.8V to 1.65V	0.80 X V _{CC}	_	
N	High-Level Input		1.65V to 1.95V	0.70 X V _{CC}	_	v
V_{IH}	Voltage		2.3V to 2.7V	1.6	_	V
		_	3.0V to 3.6V	2.0	—	
		—	0.8V to 1.65V	—	0.25 X V _{CC}	
VIL	Low-Level Input	—	1.65V to 1.95V	—	0.30 X V _{CC}	v
۷IL	Voltage	_	2.3V to 2.7V	_	0.7	v
		—	3.0V to 3.6V	_	0.9	
		I _{OH} = -20µА	0.8V to 3.6V	V _{CC} -0.11	—	
		I _{OH} = -1.1mA	1.1V	0.6 X V _{CC}	—	
		I _{OH} = -1.7mA	1.4V	0.93	—	
.,	High-Level	I _{OH} = -1.9mA	1.65V	1.17	—	.,
Vон	V _{OH} Output Voltage	I _{OH} = -2.3mA	0.01/	1.77	_	- V
		I _{OH} = -3.1mA	- 2.3V	1.67	_	
		I _{OH} = -2.7mA	a) (2.40	—	
		l _{он} = -4mA	- 3V	2.30	—	
		I _{OL} = 20μΑ	0.8V to 3.6V	_	0.11	
		I _{OL} = 1.1mA	1.1V	_	0.33 X V _{CC}	
		I _{OL} = 1.7mA	1.4V	_	0.41	
	Low-Level	I _{OL} = 1.9mA	1.65V	_	0.39	
V _{OL}	Output Voltage	I _{OL} = 2.3mA		_	0.36	- V
		I _{OL} = 3.1mA	- 2.3V	_	0.50	
		I _{OL} = 2.7mA		_	0.36	
		$I_{OL} = 4mA$	- 3V	_	0.50	
I _I	Input Current	A or B Input V _I = GND to 3.6V	0 to 3.6V	_	±0.75	μA
I _{OFF}	Power Down Leakage Current	$V_{I} \text{ or } V_{O} = 0 \text{ to } 3.6 \text{V}$	0	_	±3.5	μA
ΔI_{OFF}	Delta Power Down Leakage Current	V_1 or $V_0 = 0$ to 3.6V	0 to 0.2V	_	±2.5	μΑ
lcc	Supply Current	$V_I = GND \text{ or } V_{CC}, I_O = 0$	0.8V to 3.6V	—	3.0	μA
ΔI _{CC}		Input at V_{CC} -0.6V Other inputs at V_{CC} or GND	3.3V		75	μA



Switching Characteristics

Parameter	From	То	Vcc	٦	T _A = +25°C			T _A = -40°C to +85°C		T _A = -40°C to +125°C	
Faranieler	Input Outpu	Output		Min	Тур	Max	Min	Max	Min	Max	Unit
		Y	0.8V	_	15.0	_	—	_	_	—	
			1.2V ± 0.1V	2.6	4.7	9.2	2.0	10.0	2.0	11.0	ns
	A or B		1.5V ± 0.1V	2.1	3.4	5.7	1.6	6.5	1.6	7.2	
t _{pd}	AUD		1.8V ± 0.15V	1.8	2.9	4.5	1.4	5.2	1.4	5.8	
		2.5V ± 0.2V	1.5	2.3	3.5	1.2	4.2	1.2	4.6		
			3.3V ± 0.3V	1.0	2.1	3.2	1.0	3.8	1.0	4.2	

C_L=10pF see Figure 1

Parameter	From Input	To Output	Vcc	T _A = +25°C			T _A = -40°C to +85°C		T _A = -40°C to +125°C		Unit
Faranieter			VCC	Min	Тур	Max	Min	Max	Min	Max	Unit
			0.8V	_	18.4	—	—	—	_	—	
			1.2V ± 0.1V	3.2	5.6	10.9	2.3	11.8	2.3	13.1	ns
	A or B	v	1.5V ± 0.1V	2.6	4.1	6.7	1.9	7.7	1.9	8.5	
t _{pd}	AUD		1.8V ± 0.15V	2.3	3.4	5.3	1.7	6.2	1.7	6.9	
			2.5V ± 0.2V	2.0	2.9	4.2	1.5	5.0	1.5	5.5	
			3.3V ± 0.3V	1.4	2.6	3.8	1.4	4.6	1.4	5.1	

C_L=15pF see Figure 1

Parameter	From Input	To Output	Vcc	T _A = +25°C			T _A = -40°C to +85°C		T _A = -40°C to +125°C		Unit
Faranieter			VCC	Min	Тур	Max	Min	Max	Min	Max	Unit
			0.8V	_	21.9	—	—	_	-	—	
	1 D	Y	1.2V ± 0.1V	3.6	6.4	12.6	2.6	13.8	2.6	15.2	ns
			1.5V ± 0.1V	3.0	4.6	7.6	2.2	8.9	2.2	9.8	
t _{pd}	A or B		1.8V ± 0.15V	2.6	3.9	6.0	2.0	7.2	2.0	7.9	
			2.5V ± 0.2V	2.3	3.3	4.8	1.8	5.7	1.8	6.3	
			$3.3V \pm 0.3V$	1.6	3.1	4.2	1.6	5.0	1.6	5.5	

C_L=30pF see Figure 1

Parameter	From Input	To Output	V.	T _A = +25°C			T _A = -40°C to +85°C		T _A = -40°C to +125°C		Unit
Farameter			V _{CC}	Min	Тур	Min	Min	Max	Min	Max	Onit
			0.8V	_	32.1	—	_	_	_		
			1.2V ± 0.1V	4.8	8.9	16.3	3.6	18.9	3.6	20.8	- ns
	A or B	V	1.5V ± 0.1V	4	6.2	10.3	3.4	12.2	3.4	13.4	
t _{pd}	AUD	Ι	1.8V ± 0.15V	3.6	5.2	8.1	3.2	9.8	3.2	10.8	
			$2.5V \pm 0.2V$	3	4.4	6.4	2.7	7.7	2.7	8.5	
			$3.3V \pm 0.3V$	1.9	4.2	5.6	1.9	6.5	1.9	7.2	



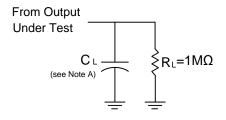
Operating and Package Characteristics (@T_A = +25°C, unless otherwise specified.)

	Parameter	Test Conditio		V _{cc}	Тур	Unit
				0.8V	6.7	
				1.2V ± 0.1V	6.6	
0	Power Dissipation	f = 1MH	lz	1.5V ± 0.1V	6.5	~
C _{pd}	Capacitance	No Loa	d	1.8V ± 0.15V	6.5	— pF
				2.5V ± 0.2V	6.4	
				3.3V ± 0.3V	6.3	
Ci	Input Capacitance	$V_i = V_{CC} \text{ or}$	GND	0V or 3.3V	1.5	pF
		SOT353		_	371	
		X2-DFN0808-4		—	430	
0	Thermal Resistance	X1-DFN1010-6		—	435	00/04/
θ_{JA}	Junction-to-Ambient	X2-DFN1010-6	(Note 9)	—	445	°C/W
		X2-DFN1409-6		—	470	
		X2-DFN1410-6		—	460	
		SOT353		—	143	
		X2-DFN0808-4			240	
0	Thermal Resistance	X1-DFN1010-6	(Nata O	—	250	0 0 / M
$\theta_{\rm JC}$	Junction-to-Case	X2-DFN1010-6	(Note 9	—	250	°C/W
		X2-DFN1409-6	1	—	275	
		X2-DFN1410-6	1	—	265	

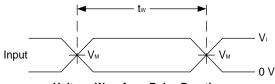
Note: 9. Test condition for each of the 6 package types: Device mounted on FR-4 substrate PC board, 2oz copper, with minimum recommended pad layout.



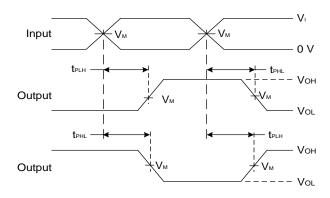
Parameter Measurement Information



Vcc	Inputs		N.	0
VCC	VI	t _r /t _f	V _M	CL
0.8V	V _{CC}	≤3ns	V _{CC} /2	5, 10, 15, 30pF
1.2V±0.1V	Vcc	≤3ns	V _{CC} /2	5, 10, 15, 30pF
1.5V±0.1V	Vcc	≤3ns	V _{CC} /2	5, 10, 15, 30pF
1.8V ±0.15V	V _{CC}	≤3ns	V _{CC} /2	5, 10, 15, 30pF
2.5V±0.2V	V _{CC}	≤3ns	V _{CC} /2	5, 10, 15, 30pF
3.3V±0.3V	Vcc	≤3ns	V _{CC} /2	5, 10, 15, 30pF



Voltage Waveform Pulse Duration



Voltage Waveform Propagation Delay Times Inverting and Non Inverting Outputs

Figure 1 Load Circuit and Voltage Waveforms

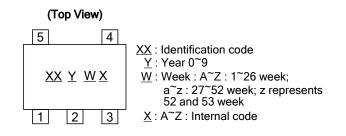
Notes: A. Includes test lead and test apparatus capacitance. B. All pulses are supplied at pulse repetition rate \leq 10MHz.

- C. Inputs are measured separately one transition per measurement.
- D. t_{PLH} and t_{PHL} are the same as $t_{PD.}$



Marking Information

(1) SOT353



Part Number	Package	Identification Code
74AUP1G34SE	SOT353	XV

(2) X2-DFN0808-4, X1-DFN1010-6, X2-DFN1010-6, X2-DFN1409-6 and X2-DFN1410-6

(Top View) XX $\underline{Y} \underline{W} \underline{X}$ \underline{X} : Identification Code \underline{Y} : Year : 0~9 \underline{W} : Week : A~Z : 1~26 week; $a \sim z : 27 \sim 52$ week; z represents 52 and 53 week \underline{X} : A~Z : Internal code

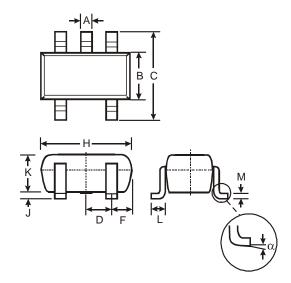
Part Number	Package	Identification Code
74AUP1G34FS3	X2-DFN0808-4	YV
74AUP1G34FW5	X1-DFN1010-6	QV
74AUP1G34FW4	X2-DFN1010-6	XV
74AUP1G34FX4	X2-DFN1409-6	HM
74AUP1G34FZ4	X2-DFN1410-6	XV



Package Outline Dimensions (All dimensions in mm.)

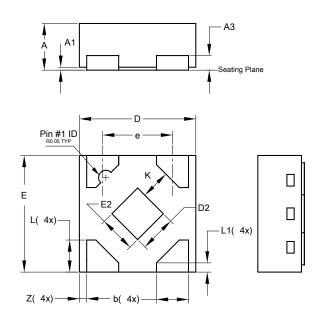
Please see AP02002 at http://www.diodes.com/datasheets/ap02002.pdf for latest version.

(1) SOT353



	SOT353			
Dim	Min	Max	Тур	
Α	0.10	0.30	0.25	
В	1.15	1.35	1.30	
С	2.00	2.20	2.10	
D	C).65 Typ)	
F	0.40	0.45	0.425	
Н	1.80	2.20	2.15	
J	0	0.10	0.05	
κ	0.90	1.00	1.00	
L	0.25	0.40	0.30	
М	0.10	0.22	0.11	
α	0°	8°	-	
All	All Dimensions in mm			

(2) X2-DFN0808-4



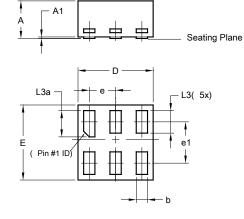
	X2-DFN0808-4			
Dim	Min	Max	Тур	
Α	0.25	0.35	0.30	
A1	0	0.04	0.02	
A3	-	-	0.13	
b	0.17	0.27	0.22	
D	0.75	0.85	0.80	
D2	0.15	0.35	0.25	
E	0.75	0.85	0.80	
E2	0.15	0.35	0.25	
е	-	-	0.48	
ĸ	0.20	-	-	
L	0.17	0.27	0.22	
L1	0.02	0.12	0.07	
Z	-	-	0.05	
All	All Dimensions in mm			



Package Outline Dimensions (cont.) (All dimensions in mm.)

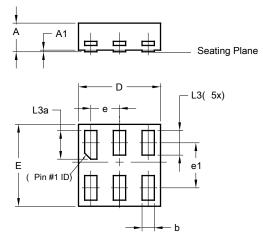
Please see AP02002 at http://www.diodes.com/datasheets/ap02002.pdf for latest version.

(3) Package Type: X1-DFN1010-6



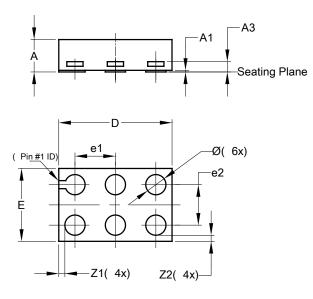
X1-DFN1010-6				
Dim	Min	Max	Тур	
Α	-	0.50	0.39	
A1	-	0.04	-	
b	0.12	0.20	0.15	
D	0.95	1.050	1.00	
ш	0.95	1.050	1.00	
e		0.55 BSC		
e1		0.35 B	SC	
L3	0.27	0.30	0.30	
L3a	0.32	0.40	0.35	
All Dimensions in mm				

(4) X2-DFN1010-6



X2-DFN1010-6				
Dim	Min	Max	Тур	
Α	1	0.35	-	
A1	-	0.04	-	
b	0.12	0.20	0.15	
D	0.95	1.050	1.00	
Е	0.95	1.050	1.00	
е	0.55 BSC			
e1		0.35 BSC		
L3	0.27	0.30	0.30	
L3a	0.32	0.40	0.35	
All Dimensions in mm				

(5) X2-DFN1409-6



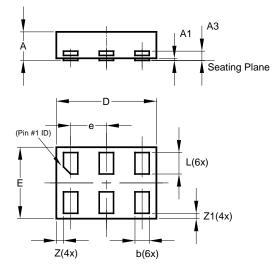
	X2-DFN1409-6				
Dim	Min	Max	Тур		
Α	-	0.40	0.39		
A1	0	0.05	0.02		
A3	-	-	0.13		
Ø	0.20	0.30	0.25		
D	1.35	1.45	1.40		
ш	0.85	0.95	0.90		
e1	-	-	0.50		
e2	-	-	0.50		
Z1	-	-	0.075		
Z2	-	-	0.075		
All Dimensions in mm					



Package Outline Dimensions (cont.) (All dimensions in mm.)

Please see AP02002 at http://www.diodes.com/datasheets/ap02002.pdf for latest version.

(6) X2-DFN1410-6

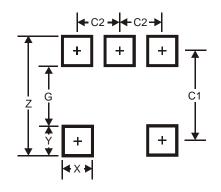


X2-DFN1410-6			
Dim	Min	Max	Тур
Α		0.40	0.39
A1	0.00	0.05	0.02
A3			0.13
b	0.15	0.25	0.20
D	1.35	1.45	1.40
Е	0.95	1.05	1.00
е			0.50
L	0.25	0.35	0.30
Z			0.10
Z1	0.045	0.105	0.075
All Dimensions in mm			

Suggested Pad Layout

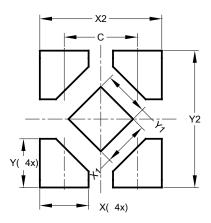
Please see AP02001 at http://www.diodes.com/datasheets/ap02001.pdf for the latest version

(1) SOT353



Dimensions	Value (in mm)
Z	2.5
G	1.3
Х	0.42
Y	0.6
C1	1.9
C2	0.65

(2) X2-DFN0808-4



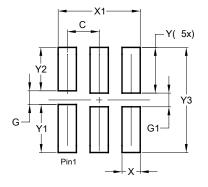
Dimensions	Value (in mm)
С	0.480
Х	0.320
X1	0.300
X2	0.800
Y	0.320
Y1	0.300
Y2	0.900



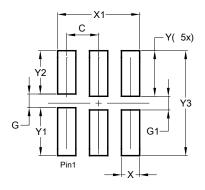
Suggested Pad Layout

Please see AP02001 at http://www.diodes.com/datasheets/ap02001.pdf for the latest version

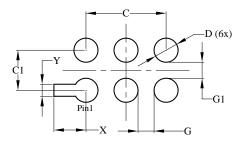
(3) X1-DFN1010-6



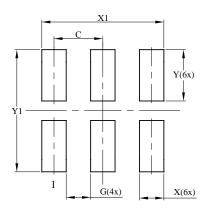
(4) X2-DFN1010-6



(5) X2-DFN1409-6



(6) X2-DFN1410-6



Dimensions	Value (in mm)
С	0.350
G	0.150
G1	0.150
Х	0.200
X1	0.900
Y	0.500
Y1	0.525
Y2	0.475
Y3	1.150

Dimensions	Value (in mm)
С	0.350
G	0.150
G1	0.150
Х	0.200
X1	0.900
Ý	0.500
Y1	0.525
Y2	0.475
Y3	1.150

Dimensions	Value (in mm)
С	1.000
C1	0.500
D	0.300
G	0.200
G1	0.200
Х	0.400
Y	0.150

Dimensions	Value (in mm)
С	0.500
G	0.250
Х	0.250
X1	1.250
Y	0.525
Y1	1.250

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