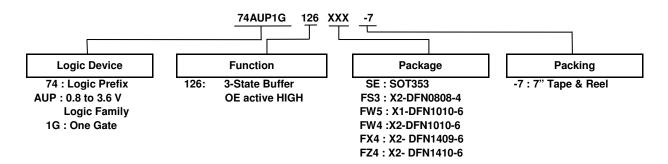


Ordering Information



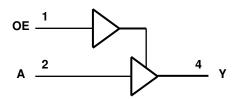
Device	Package	Package	Package	7" Tape	and Reel
Device	Code	(Notes 4 & 5)	Size	Quantity	Part Number Suffix
74AUP1G126SE-7	SE	SOT353	2.0mm x 2.0mm x 1.1mm 0.65 mm lead pitch	3,000/Tape & Reel	-7
74AUP1G126FS3-7	FS3	X2-DFN0808-4	0.8mm x 0.8mm x 0.35mm 0.5 mm pad pitch (diamond)	5,000/Tape & Reel	-7
74AUP1G126FW5-7	FW5	X1-DFN1010-6	1.0mm x 1.0mm x 0.5mm 0.35 mm pad pitch	5,000/Tape & Reel	-7
74AUP1G126FW4-7	FW4	X2-DFN1010-6	1.0mm x 1.0mm x 0.4mm 0.35 mm pad pitch	5,000/Tape & Reel	-7
74AUP1G126FX4-7	FX4	X2-DFN1409-6 Chip Scale Alternative	1.4mm x 0.9mm x 0.4mm 0.5 mm pad pitch	5,000/Tape & Reel	-7
74AUP1G126FZ4-7	FZ4	X2-DFN1410-6	1.4mm x 1.0mm x 0.4mm 0.5 mm pad pitch	5,000/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.

Pin Descriptions

Pin Name	Function			
OE	Output Enable			
Α	Data Input			
GND	Ground			
Υ	Data Output			
V _{CC}	Supply Voltage			

Logic Diagram



Function Table

Inp	Inputs						
OE	Α	Υ					
Н	Н	Н					
Н	L	L					
L	X	Z					

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



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

Symbol	Description	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 V _I < 0	50	mA
I _{OK}	Output Clamp Current (V _O < 0)	50	mA
lo	Continuous Output Current (V _O = 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	∞
T _{STG}	Storage Temperature	-65 to +150	℃

Notes:

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

Symbol	Para	ameter	Min	Max	Unit
V _{CC}	Operating Voltage		0.8	3.6	V
V_{I}	Input Voltage		0	3.6	V
Vo	Output Voltage		0	V _{CC}	V
		$V_{CC} = 0.8V$	_	-20	μΑ
	Library Contract Comment	$V_{CC} = 1.1V$	_	-1.1	
		$V_{CC} = 1.4V$	_	-1.7	
I _{OH}	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	μΑ
		V _{CC} = 1.1V	_	1.1	
	Lavel aval Output Commant	V _{CC} = 1.4V	_	1.7	
loL	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	-40	+125	.€	

Note:

8. Unused inputs should be held at VCC or Ground.

^{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.



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

Cumabal	Davamatav	Took Conditions	.,	T _A = +	25℃	T _A = -40°C	C to +85℃	Unit	
Symbol	Parameter	Test Conditions	V _{CC}	Min	Max	Min	Max		
		_	0.8V to 1.65V	0.80 x V _{CC}	_	0.80 x V _{CC}	_		
V _{IH}	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 x V _{CC}	_	0.30 x V _{CC}		
VIL	Low-Level Input	_	1.65V to 1.95V	_	0.35 x V _{CC}	_	0.35 x V _{CC}	V	
VIL	Voltage	_	2.3V to 2.7V	_	0.7	_	0.7	v	
		_	3.0V to 3.6V	_	0.9	_	0.9		
		$I_{OH} = -20\mu A$	0.8V to 3.6V	V _{CC} - 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	_		
V	High-Level Output	I _{OH} = -1.9mA	1.65V	1.32	_	1.3	_	V	
V_{OH}	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	01/	2.72	_	2.67	_		
		I _{OH} = -4mA	3V	2.6	_	2.55	_		
		I _{OL} = 20μA	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 Output	I _{OL} = 1.9mA	1.65V	_	0.31	_	0.35		
V_{OL}	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	
loff	Power Down Leakage Current	V_I or $V_O = 0V$ to 3.6V	0	_	±0.2	_	±0.5	μA	
loz	Z State Leakage Current	V _O = 3.6V V _i = 3.6V	3.6V	_	±0.2	_	±0.5	μΑ	
Δl _{OFF}	Delta Power Down Leakage Current	V_1 or $V_0 = 0V$ 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	
		Data Input at V _{CC} -0.6V OE = GND I _O = 0A	3.3V	_	40	_	50	μΑ	
ΔI _{CC}	Additional Supply Current	OE Input at V _{CC} -0.6V Data Input = GND or V _{CC} , I _O = 0A	3.3V	_	110	_	120	μΑ	
		OE Input at GND Data Input = GND to 3.6V, I _O = 0A	0.8V to 3.6V	_	1	_	1	μΑ	



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

0	D	Total Constitutions	.,	T _A = -40 ℃	to +125℃	I I ia
Symbol	Parameter	Test Conditions	V _{CC}	Min	Max	Unit
		_	0.8V to 1.65V	0.80 x V _{CC}	_	
V _{IH}	High-Level Input	_	1.65V to 1.95V	0.70 x V _{CC}	_	V
VIH	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	_	0.35 x V _{CC}	V
VIL	Voltage	_	2.3V to 2.7V	_	0.7	v
		_	3.0V to 3.6V		0.9	
		$I_{OH} = -20\mu A$	0.8V to 3.6V	V _{CC} – 0.11	_	
		I _{OH} = -1.1mA	1.1V	0.6 x V _{CC}	_	
		$I_{OH} = -1.7 \text{mA}$	1.4V	0.93	_	
V	High-Level Output	I _{OH} = -1.9mA	1.65V	1.17	_	V
V _{OH}	Voltage	I _{OH} = -2.3mA	0.01/	1.77	_	V
		I _{OH} = -3.1mA	2.3V	1.67	_	
		I _{OH} = -2.7mA	0) (2.40	_	
		I _{OH} = -4mA	3V	2.30	_	
		I _{OL} = 20μA	0.8V to 3.6V	_	0.11	
		I _{OL} = 1.1mA	1.1V	_	0.3 x V _{CC}	
		I _{OL} = 1.7mA	1.4V	_	0.41	
	Low-Level Output	I _{OL} = 1.9mA	1.65V	_	0.39	.,
V_{OL}	Voltage	I _{OL} = 2.3mA		_	0.36	V
		I _{OL} = 3.1mA	2.3V	_	0.50	
		$I_{OL} = 2.7 \text{mA}$		_	0.36	
		I _{OL} = 4mA	3V		0.50	
Iı	Input Current	A or B Input V _I = GND to 3.6V	0 to 3.6V		±0.75	μA
loff	Power Down Leakage Current	V_1 or $V_0 = 0V$ to 3.6V	0	_	±3.5	μA
loz	Z State Leakage Current	$V_O = 3.6V$ $V_i = 3.6V$	3.6V	_	±1.5	μΑ
Δl _{OFF}	Delta Power Down Leakage Current	V_1 or $V_0 = 0V$ to 3.6V	0V to 0.2V	_	±2.5	μΑ
Icc	Supply Current	$V_I = GND \text{ or } V_{CC}, I_O = 0$	0.8V to 3.6V	_	3.0	μA
	Alaa Additional Supply C	Data Input at V _{CC} -0.6V OE = GND I _O = 0A	3.3V	_	75	μΑ
ΔI_{CC}		OE input at V _{CC} -0.6V Data Input = GND or V _{CC} , I _O = 0A	3.3V	_	180	μΑ
		OE Input at GND Data Input = GND to 3.6V, I _O = 0A	0.8V to 3.6V	_	1	μΑ



Switching Characteristics

 $C_L = 5pF$, See Figure 1

Doromotor	From	То	V	Т	A = +25°	С	T _A = -40 °C	C to +85℃	T _A = -40 °C to +125 °C		Unit
Parameter	Input	Output	V _{CC}	Min	Тур	Max	Min	Max	Min	Max	Unit
			0.8V	_	20.6	_	_	_	_	_	
			1.2V ± 0.1V	2.5	5.5	10.5	2.5	11.7	2.5	12.9	
	Α	Y	1.5V ± 0.1V	2.0	3.9	6.1	2.0	7.3	2.0	8.1	
t _{pd}	А	Y	1.8V ± 0.15V	1.9	3.2	4.8	1.7	6.1	1.7	6.7	ns
			2.5V ± 0.2V	1.6	2.6	3.6	1.4	4.3	1.4	4.9	
			3.3V ± 0.3V	1.4	2.4	3.1	1.2	3.9	1.2	4.4	
			V8.0	_	71.6	_	_	_	_	_	
		Y	1.2V ± 0.1V	2.8	6.2	12.4	2.6	13.6	2.6	13.6	ns
	OE		1.5V ± 0.1V	2.1	4.2	6.9	2.1	7.4	2.1	7.7	
t _{en}	OE		1.8V ± 0.15V	1.7	3.3	5.3	1.7	5.9	1.7	6.2	
			2.5V ± 0.2V	1.4	2.4	3.6	1.4	3.8	1.4	4.1	
			3.3V ± 0.3V	1.3	2.0	2.9	1.2	3.2	1.2	3.4	
			V8.0	_	10.3	_	_	_	_	_	
			1.2V ± 0.1V	2.6	4.2	8.2	2.6	8.9	2.6	8.9	
	OΓ	Υ	1.5V ± 0.1V	2.1	3.2	6.7	2.1	7.0	2.1	7.0	ns
ldis	t _{dis} OE		1.8V ± 0.15V	1.7	3.1	6.2	1.7	6.5	1.7	6.5	
		2.5V ± 0.2V	1.3	2.9	5.7	1.3	5.8	1.3	5.8		
			3.3V ± 0.3V	1.2	2.8	4.5	1.2	4.7	1.2	4.7	

C_L = 10pF, See Figure 1

Dougmatau	From	То	V	T	_A = +25°	С	T _A = -40 ℃	C to +85℃	T _A = -40 ℃	to +125℃	Unit
Parameter	Input	Output	V _{CC}	Min	Тур	Max	Min	Max	Min	Max	Unit
			0.8V	_	24.0	_	_	_	_	_	
			1.2V ± 0.1V	2.6	6.4	12.3	2.6	13.8	2.6	15.2	
	Α	Y	1.5V ± 0.1V	2.1	4.5	7.3	2.1	8.5	2.1	9.4	no
t _{pd}	A	ī	1.8V ± 0.15V	1.9	3.8	5.5	1.9	6.8	1.9	7.6	ns
			2.5V ± 0.2V	1.7	3.2	4.2	1.7	5.3	1.7	5.9	
			3.3V ± 0.3V	1.6	3.0	3.8	1.6	4.6	1.6	5.2	
		Y	0.8V	_	75.3	_	_	_	_	_	ns
			1.2V ± 0.1V	3.0	7.1	14.1	3.0	15.4	3.0	15.4	
	OE		1.5V ± 0.1V	2.1	4.8	8.0	2.1	8.3	2.1	8.6	
t _{en}	OE		1.8V ± 0.15V	1.7	3.9	5.9	1.7	6.5	1.7	6.8	
			2.5V ± 0.2V	1.4	2.9	4.2	1.4	4.5	1.4	4.8	
			3.3V ± 0.3V	1.3	2.6	3.6	1.3	3.8	1.3	4.0	
			0.8V	_	12.2	_	_	_	_	_	
			1.2V ± 0.1V	3.3	7.9	10.1	3.3	11.1	3.3	11.1	
	OΓ	Y	1.5V ± 0.1V	2.1	7.0	9.3	2.1	10.1	2.1	10.1	
t _{dis}	OE	Y	1.8V ± 0.15V	1.7	6.3	8.7	1.7	9.1	1.7	9.1	ns
			2.5V ± 0.2V	1.4	4.9	7.6	1.4	7.8	1.4	7.8	
			3.3V ± 0.3V	1.3	4.1	5.7	1.3	5.8	1.3	5.8	

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Switching Characteristics (continued)

C_L=15pF, See Figure 1

Dougneston	From	То	V	T	A = +25°	C	T _A = -40 °C	C to +85℃	T _A = -40 °C	to +125℃	Unit
Parameter	Input	Output	V _{CC}	Min	Тур	Max	Min	Max	Min	Max	Unit
			V8.0	_	27.4	_	_	_	_	_	
			1.2V ± 0.1V	3.6	7.2	14.1	3.3	15.8	3.3	17.5	
	Α	Y	1.5V ± 0.1V	3.0	5.1	8.1	2.5	9.8	2.5	10.9	
t _{pd}	А	Ť	1.8V ± 0.15V	2.2	4.3	6.3	2.0	7.9	2.0	8.8	ns
			2.5V ± 0.2V	2.0	3.7	4.9	1.8	6.0	1.8	6.7	
			3.3V ± 0.3V	2.0	3.5	4.4	1.8	5.4	1.8	6.1	
			V8.0	_	79.2	_	_	_	_	_	
		Y	1.2V ± 0.1V	3.6	7.8	15.8	3.3	17.1	3.3	17.1	ns
	OE		1.5V ± 0.1V	3.0	5.4	8.8	2.9	9.4	2.9	9.7	
t _{en}	OE		1.8V ± 0.15V	2.1	4.3	6.7	2.0	7.3	2.0	7.7	
			2.5V ± 0.2V	1.8	3.4	4.8	1.7	5.2	1.7	5.6	
			3.3V ± 0.3V	1.6	3.1	4.3	1.5	4.5	1.5	4.7	
			V8.0		14.9	_		_	_	_	
			1.2V ± 0.1V	3.7	9.0	12.7	3.7	13.0	3.7	13.0	
	OE	OF Y	1.5V ± 0.1V	2.5	8.1	11.5	2.5	12.0	2.5	12.0	200
t _{dis}	OE	l r	1.8V ± 0.15V	2.0	7.9	10.1	2.0	10.4	2.0	10.4	ns
		l —	2.5V ± 0.2V	1.7	7.7	9.7	1.7	9.9	1.7	9.9	
			3.3V ± 0.3V	1.5	7.2	9.0	1.5	9.3	1.5	9.3	

C_L=30pF, See Figure 1

Dawamatau	From	То		Т	A = +25°	С	T _A = -40 ℃	C to +85℃	T _A = -40 °C to +125 °C		I I m i A
Parameter	Input	Output	V _{CC}	Min	Тур	Max	Min	Max	Min	Max	Unit
			0.8V	_	37.4	_	_	_	_	_	
			1.2V ± 0.1V	4.8	9.5	18.7	4.4	21.4	4.4	24.0	
	Α	Y	1.5V ± 0.1V	4.0	6.7	10.8	3.0	13.0	3.0	14.5	
t _{pd}	A	Ť	1.8V ± 0.15V	2.5	5.6	8.4	2.5	10.3	2.5	11.5	ns
			2.5V ± 0.2V	2.2	4.8	6.3	2.2	7.8	2.2	8.7	
			3.3V ± 0.3V	2.0	4.6	5.8	2.0	7.0	2.0	8.3	
			V8.0	_	90.6	_	_	_	_	_	
		Υ	1.2V ± 0.1V	4.7	10.0	20.4	4.3	22.0	4.3	22.0	_ ns
	OE		1.5V ± 0.1V	3.5	6.9	11.3	3.5	12.0	3.5	12.5	
t _{en}	OE		1.8V ± 0.15V	2.6	5.6	8.6	3.2	9.5	3.2	10.1	
			2.5V ± 0.2V	2.3	4.5	6.3	2.9	6.8	2.9	7.3	
			3.3V ± 0.3V	2.2	4.2	5.8	2.7	6.4	2.7	6.7	
			V8.0		51.6	_	_	_	_	_	
			1.2V ± 0.1V	4.7	12.8	15.0	4.7	15.5	4.7	15.5	
t _{dis} OE	OE	Y	1.5V ± 0.1V	3.0	11.8	13.5	3.0	13.9	3.0	13.9	no
		1.8V ± 0.15V	2.6	10.8	12.7	2.6	13.2	2.6	12.7	ns	
		2.5V ± 0.2V	2.3	10.1	12.0	2.3	12.5	2.3	12.5		
			3.3V ± 0.3V	2.2	9.0	11.5	2.2	12.0	2.2	12.0	



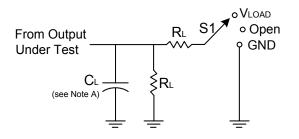
Operating and Package Characteristics (@T_A = +25 ℃, unless otherwise specified.)

	Parameter	Test Conditio	ns	Vcc	Тур	Unit
				0.8V	6.9	
				1.2V ± 0.1V	6.7	
	Power Dissipation	f = 1MH	lz	1.5V ± 0.1V	6.6	
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} or	GND	0V or 3.3V	1.5	pF
		SOT353		_	371	
		X2-DFN0808-4	(1)	_	430	
	Thermal Resistance	X1-DFN1010-6		_	435	20.44
θ_{JA}	Junction-to-Ambient	X2-DFN1010-6	(Note 9)	_	445	— °C/W
		X2-DFN1409-6	1	_	470	
		X2-DFN1410-6	1	_	460	
		SOT353		_	143	
		X2-DFN0808-4	1	_	240	
	Thermal Resistance	X1-DFN1010-6	1 (1)	_	250	20.44
θ _{JC}	θ _{JC} Junction-to-Case	X2-DFN1010-6	(Note 9)	_	250	— °C/W
		X2-DFN1409-6		_	275	
		X2-DFN1410-6	1	_	265	

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

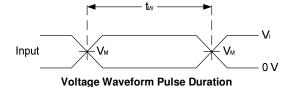


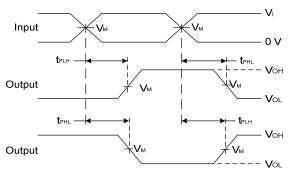
Parameter Measurement Information



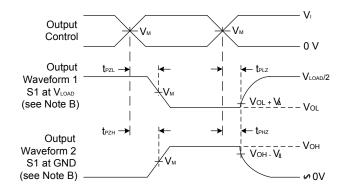
TEST	S1	R_L
tplh/tphl	Open	1ΜΩ
t _{PLZ} /t _{PZL}	Vload	5kΩ
t _{PHZ} /t _{PZH}	GND	5kΩ

V	In	puts	V	V _{LOAD}	CL	V Δ
V _{CC}	VI	t _r /t _f	V _M			
0.8V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.1V
1.2V ± 0.1V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.1V
1.5V ± 0.1V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.1V
1.8V ± 0.15V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.15V
2.5V ± 0.2V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.15V
3.3V ± 0.3V	V _{CC}	≤3ns	V _{CC} /2	2 X V _{CC}	5, 10, 15, 30pF	0.3V





Voltage Waveform Propagation Delay Times Inverting and Non Inverting Outputs



Voltage Waveform Enable and Disable Times Low and High Level Enabling

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 ≤ 10MHz.

C. Inputs are measured separately one transition per measurement.

D. t_{PLZ} and t_{PHZ} are the same as $t_{dis.}$

E. t_{PZL} and t_{PZH} are the same as t_{EN}.

F. t_{PLH} and t_{PHL} are the same as $t_{PD.}$



Marking Information

(1) SOT353

(Top View)

XX Y WX

2

XX: Identification code

Y: Year 0~9

<u>W</u>: Week: A~Z: 1~26 week;

a~z: 27~52 week; z represents 52 and 53 week

X: A~Z: Internal code

Part Number	Package	Identification Code
74AUP1G126SE-7	SOT353	XZ

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

(Top View)

XX $\underline{Y}\underline{W}\underline{X}$ XX: Identification Code

Y: Year: 0~9

 $\overline{\underline{W}}$: Week: A~Z: 1~26 week;

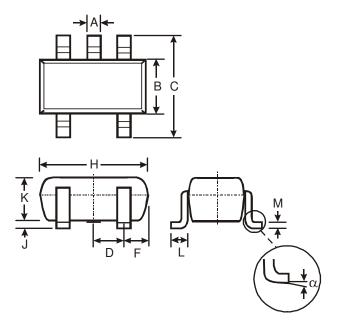
a~z: 27~52 week; z represents

52 and 53 week X: A~Z: Internal code

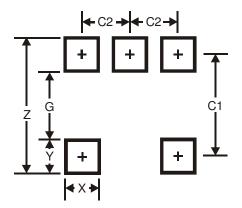
Part Number	Package	Identification Code
74AUP1G126FS3-7	X2-DFN0808-4	YZ
74AUP1G126FW5-7	X1-DFN1010-6	QY
74AUP1G126FW4-7	X2-DFN1010-6	XZ
74AUP1G126FX4-7	X2-DFN1409-6	HR
74AUP1G126FZ4-7	X2-DFN1410-6	XZ



SOT353 Package Outline Dimensions and Suggested Pad Layout



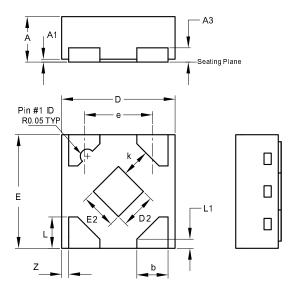
SOT353				
Dim	Min	Max	Тур	
Α	0.10	0.30	0.25	
В	1.15	1.35	1.30	
С	2.00	2.20	2.10	
D		0.65 Typ)	
F	0.40	0.45	0.425	
Н	1.80	2.20	2.15	
J	0	0.10	0.05	
K	0.90	1.00	1.00	
L	0.25	0.40	0.30	
М	0.10	0.22	0.11	
α	0°	8°	-	
All Dimensions in mm				



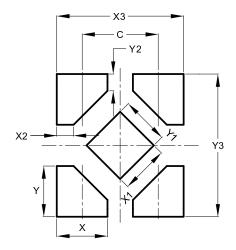
Dimensions	Value (in mm)
Z	2.5
G	1.3
Х	0.42
Υ	0.6
C1	1.9
C2	0.65



X2-DFN0808-4 Package Outline Dimensions and Suggested Pad Layout



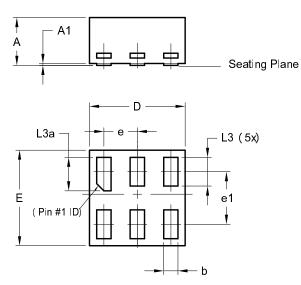
	X2-DFN0808-4				
Dim	Min	Max	Тур		
Α	0.25	0.35	0.30		
A1	0	0.04	0.02		
A3	-	-	0.13		
b	0.17	0.27	0.22		
D	0.75	0.85	0.80		
D2	0.15	0.35	0.25		
E	0.75	0.85	0.80		
E2	0.15	0.35	0.25		
е	-	-	0.48		
k	0.20	-	-		
L	0.17	0.27	0.22		
L1	0.02	0.12	0.07		
Z	-	-	0.05		
All Dimensions in mm					



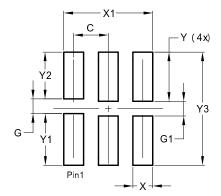
Dimensions	Value
С	0.480
Х	0.320
X1	0.300
X2	0.106
Х3	0.800
Υ	0.320
Y1	0.300
Y2	0.106
Y3	0.900



X1-DFN1010-6 (Type B) Package Outline Dimensions and Suggested Pad Layout



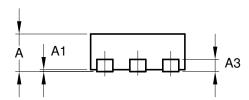
X1-DFN1010-6 (Type B)				
Dim	Min	Max	Тур	
Α	-	0.50	0.39	
A 1	-	0.04	-	
b	0.12	0.20	0.15	
D	0.95	1.050	1.00	
Е	0.95	1.050	1.00	
е	0.35 BSC			
e1		0.55 BSC		
L3	0.27	0.30	0.30	
L3a	0.32	0.40	0.35	
All	All Dimensions in mm			

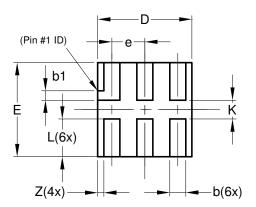


Dimensions	Value
	(in mm)
С	0.350
G	0.150
G1	0.150
X	0.200
X1	0.900
Υ	0.500
Y 1	0.525
Y2	0.475
Y3	1.150

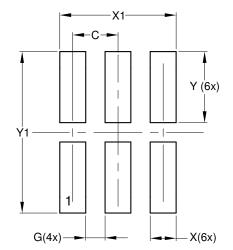


X2-DFN1010-6 Package Outline Dimensions and Suggested Pad Layout





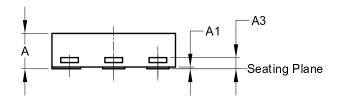
X2-DFN1010-6				
Dim	Min	Max	Тур	
A	_	0.40	0.39	
A 1	0.00	0.05	0.02	
А3	_		0.13	
b	0.14	0.20	0.17	
b1	0.05	0.15	0.10	
D	0.95	1.05	1.00	
Е	0.95	1.05	1.00	
е	_	_	0.35	
L	0.35	0.45	0.40	
K	0.15			
Z			0.065	
All Dimensions in mm				

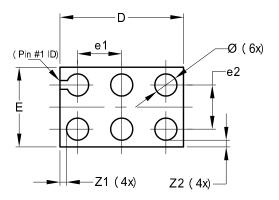


Dimensions	Value (in mm)
С	0.350
G	0.150
X	0.200
X1	0.900
Υ	0.550
Y1	1.250

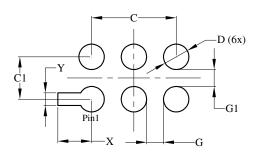


X2-DFN1409-6 Package Outline Dimensions and Suggested Pad Layout





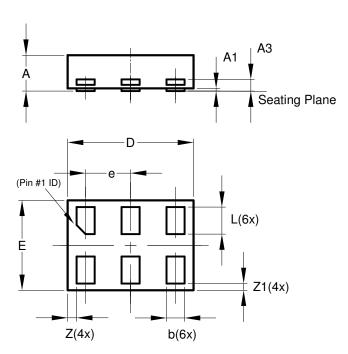
X2-DFN1409-6				
Dim	Min	Max	Тур	
Α	-	0.40	0.39	
A 1	0	0.05	0.02	
A 3	-	-	0.13	
Ø	0.20	0.30	0.25	
D	1.35	1.45	1.40	
Е	0.85	0.95	0.90	
e1	-	-	0.50	
e2	-	1	0.50	
Z 1	-	-	0.075	
Z2	-	-	0.075	
All Dimensions in mm				



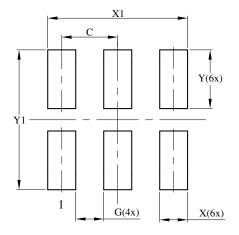
Dimensions	Value (in mm)	
С	1.000	
C1	0.500	
D	0.300	
G	0.200	
G1	0.200	
Х	0.400	
Y	0.150	



X2-DFN1410-6 Package Outline Dimensions and Suggested Pad Layout



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				



Dimensions	Value	
Difficitions	(in mm)	
С	0.500	
G	0.250	
X	0.250	
X1	1.250	
Υ	0.525	
Y1	1.250	

March 2015



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