

8V输入、低静态电流线性稳压器

UM1550S SOT23-3
UM1550Y SOT89-3
UM1550B SOT89-3
UM1550DA DFN6 2.0×2.0
UM1550DB DFN4 1.0×1.0
UM1560S SOT23-5
UM1560P SOT343
UM1560DA DFN6 2.0×2.0
UM1560DB DFN4 1.0×1.0

描述

UM1550/1560系列是采用CMOS技术实现的高输入电压、低静态电流稳压器。这些器件可提供300mA输出电流，允许高达8V的输入电压，还可提供1.2V至5.0V的多个固定输出电压。此外，CMOS技术可确保低压降和低静态电流。

UM1550采用SOT23-3、SOT89-3、DFN6 2.0×2.0和DFN4 1.0×1.0封装。UM1560采用SOT23-5、SOT343、DFN6 2.0×2.0和DFN4 1.0×1.0封装。

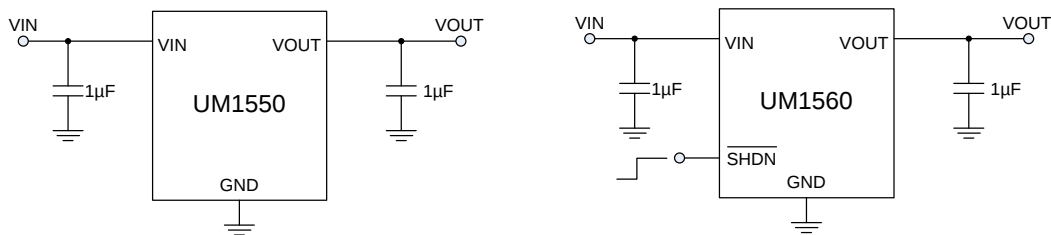
应用

- 通信设备
- 音频/视频设备
- 便携式游戏机
- 便携式视听设备
- 电池供电设备

特性

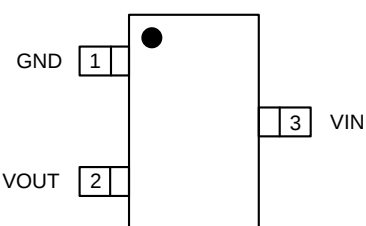
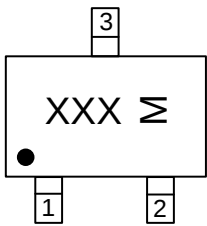
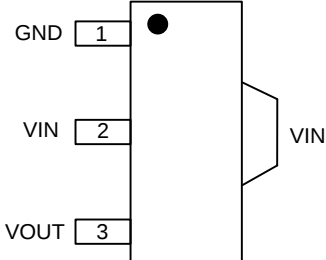
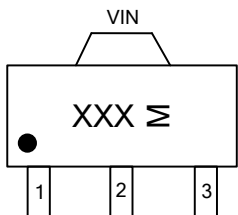
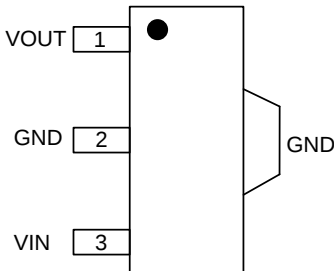
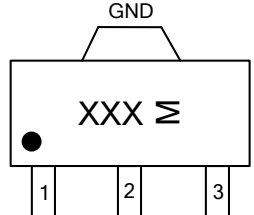
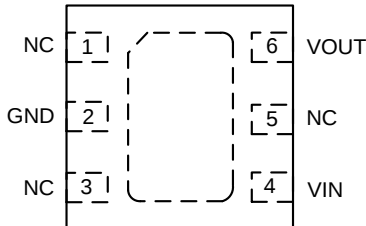
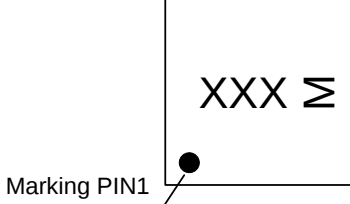
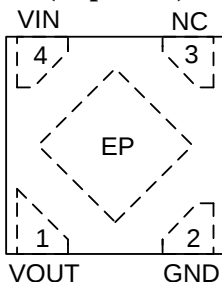
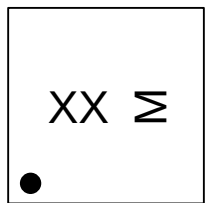
- 输入电压范围：1.8V 至 8V
- 300mA 输出电流
- 低压差：250mV（典型值，200mA 时）
- 低静态电流：2.5 μ A（典型值， $V_{IN}=8V$ 时）
- 低输出噪声：115 μ V_{RMS}（10Hz 至 100kHz）
- 固定输出电压：1.2V 至 5.0V，步径 0.1V
- 关断控制（UM1560）
- 输出电流限制
- 扁平 SOT23-3、SOT23-5、SOT89-3、SOT343、DFN6 2.0×2.0 和 DFN4 1.0×1.0 封装

典型应用电路



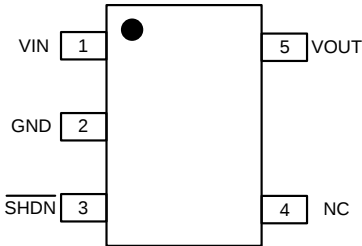
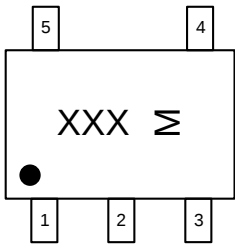
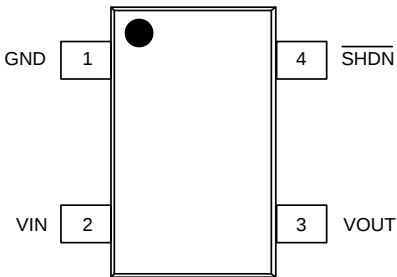
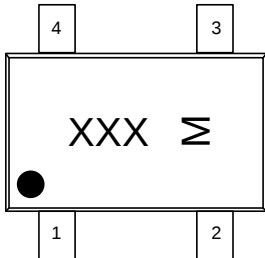
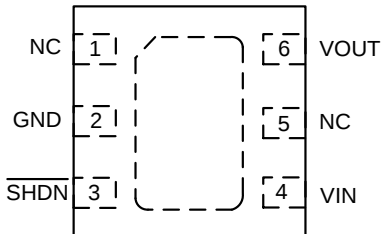
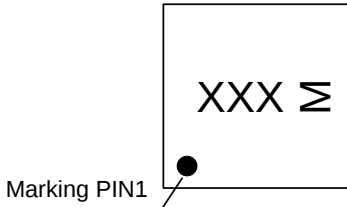
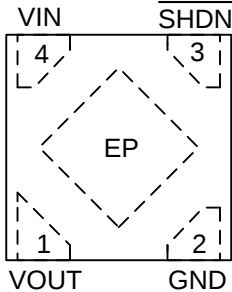
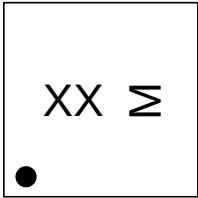
Pin Configurations

Top View

 UM1550S	 M: Month Code UM1550S SOT23-3
 UM1550Y	 M: Month Code UM1550Y SOT89-3
 UM1550B	 M: Month Code UM1550B SOT89-3
(Top View)  UM1550DA	 M: Month Code UM1550DA DFN6 2.0×2.0
(Top View)  UM1550DB	 M: Month Code UM1550DB DFN4 1.0×1.0

Pin Configurations

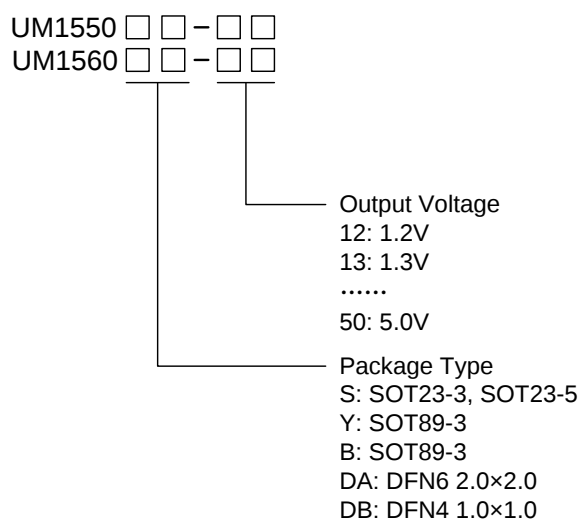
Top View

 UM1560S	 M: Month Code UM1560S SOT23-5
 UM1560P	 M: Month Code UM1560P SOT343
(Top View)  UM1560DA	 M: Month Code UM1560DA DFN6 2.0×2.0
(Top View)  UM1560DB	 M: Month Code UM1560DB DFN4 1.0×1.0

Pin Description

Pin Name	Pin Function
SHDN	Shutdown Control Input: High=Activate LDO, Low=Shutdown LDO
GND	Ground
VIN	Supply Input
VOUT	Voltage Regulated Output
NC	Not Connected
EP	Exposed Pad. Not connected.

Naming Information



Absolute Maximum Ratings (Note 1)

Symbol	Parameter	Value	Unit
V_{IN}	Supply Voltage on VIN Pin	-0.3 to +10	V
V_{OUT}	Voltage on VOUT Pin	-0.3 to +10	V
T_J	Operating Junction Temperature (Note 2, 3)	-40 to +125	°C
T_{STG}	Storage Temperature Range	-65 to +150	°C
T_L	Lead Temperature for Soldering 10 Seconds	+260	°C
P_D (Note 4)	Power Dissipation@25 °C	SOT23-3	0.40
		SOT89-3	1.0
		SOT23-5	0.43
		SOT343	0.40
		DFN6 2.0×2.0	0.9
		DFN4 1.0×1.0	0.4
θ_{JA}	Package Thermal Resistance	SOT23-3	250
		SOT89-5	100
		SOT23-5	230
		SOT343	250
		DFN6 2.0×2.0	110
		DFN4 1.0×1.0	250

Note 1: Absolute Maximum Ratings are those values beyond which the life of a device may be impaired.

Note 2: The UM1550/1560 is tested and specified under pulse load conditions such that $T_J \approx T_A$. Specifications over the -40 °C to 125 °C operating junction temperature range are assured by design, characterization and correlation with statistical process controls.

Note 3: This IC includes over temperature protection that is intended to protect the device during momentary overload conditions. Junction temperature will exceed 125 °C when over temperature protection is active. Continuous operation above the specified maximum operating junction temperature may impair device reliability.

Note 4: The maximum allowable power dissipation of any T_A (ambient temperature) is $P_{D_{MAX}} = (T_{J_{MAX}} - T_A) / \theta_{JA}$. Exceeding the maximum allowable power dissipation will result in excessive die temperature and the regulator will go into thermal shutdown.

Electrical Characteristics

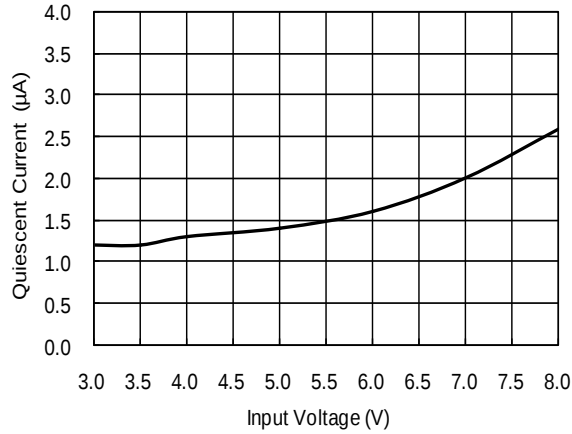
$V_{IN} = V_{OUT} + 1V$, $C_{IN} = C_{OUT} = 1\mu F$, $T_A = 25\text{ }^{\circ}\text{C}$.

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
V_{IN}	Input Voltage Range		1.8		8	V
V_{OUT}	Output Voltage Range		1.2		5.0	V
I_Q	Operating Quiescent Current	$V_{IN}=8V$, $I_{OUT}=0mA$		2.5	3.5	μA
	Shut Down Quiescent Current	$V_{IN}=8V$, $\overline{SHDN} = GND$			1	μA
$I_{\overline{SHDN}}$	$\overline{SHDN}$ Input Current	$\overline{SHDN} = V_{IN}$ or GND			1	μA
I_{OUT}	Output Current		300			mA
	Output Voltage Accuracy	$1mA \leq I_{OUT} \leq 250mA$	-2.5		+2.5	%
ΔV_{DO}	Dropout Voltage	$I_{OUT}=200mA$		250	330	mV
I_{LIMIT}	Output Current Limit	$R_L=1\Omega$	350	450	550	mA
t	Startup Time Response	$V_{OUT}=3.3V$, $R_L=68\Omega$, $C_{OUT}=1\mu F$		80		μs
V_{IL}	$\overline{SHDN}$ Input Low Voltage	$V_{IN}=1.8V$ to $8V$			0.4	V
V_{IH}	$\overline{SHDN}$ Input High Voltage	$V_{IN}=1.8V$ to $8V$	1.2			V
	Output Voltage TC	$-40\text{ }^{\circ}\text{C}$ to $+125\text{ }^{\circ}\text{C}$		60		ppm/ $^{\circ}\text{C}$
	Line Regulation	$V_{OUT}+0.3V \leq V_{IN} \leq 8.0V$ or $V_{IN} > 1.8V$ $I_{OUT}=10mA$			0.3	%/V
	Load Regulation	$V_{IN}=V_{OUT}+1V$ or $V_{IN} > 1.8V$ $1mA \leq I_{OUT} \leq 250mA$			0.6	%
	Output Voltage Noise	$V_{OUT}=3.0V$, $f=10Hz$ to $100kHz$, $C_{IN}=1\mu F$, $I_{OUT}=100mA$		115		μV_{RMS}
PSRR	Power Supply Ripple Rejection	$V_{IN}=V_{OUT}+1V$ $I_{OUT}=100mA$	f=100Hz	56		dB
			f=1kHz	42		
	ESD Rating	Human Body Mode	2			kV

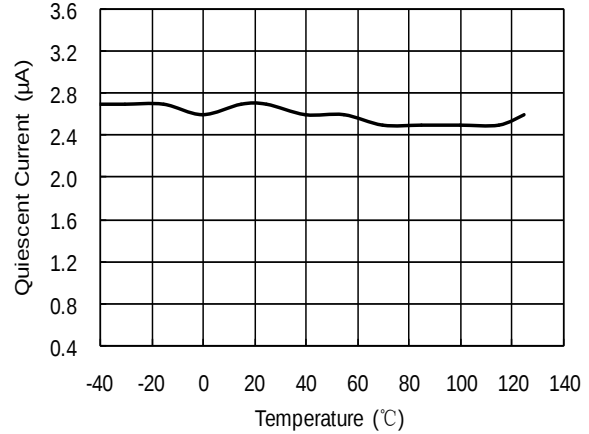
Typical Operating Characteristics (Shown for 3.0V Output Option)

($C_{IN}=1.0\mu F$, $C_{OUT}=1.0\mu F$, $T_A=25^\circ C$, unless otherwise specified.)

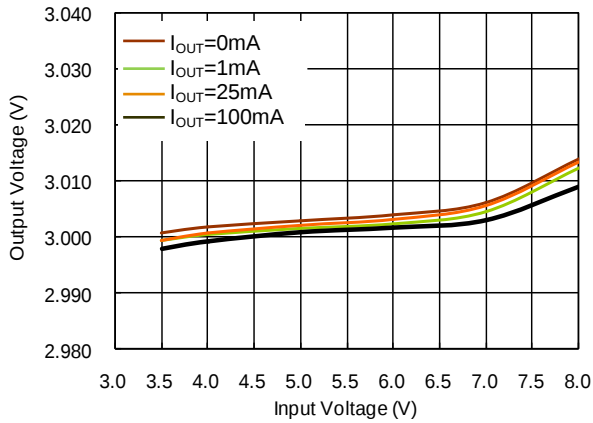
Quiescent Current vs. Input Voltage
 $I_{OUT}=0mA$



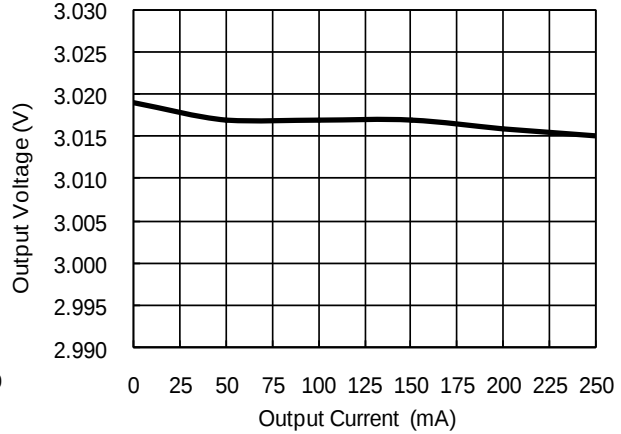
Quiescent Current vs. Temperature
 $V_{IN}=8V$, $I_{OUT}=0mA$



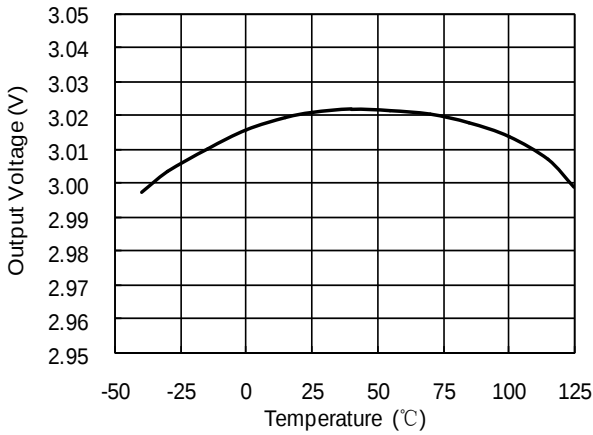
Output Voltage vs. Input Voltage
UM1560S-30



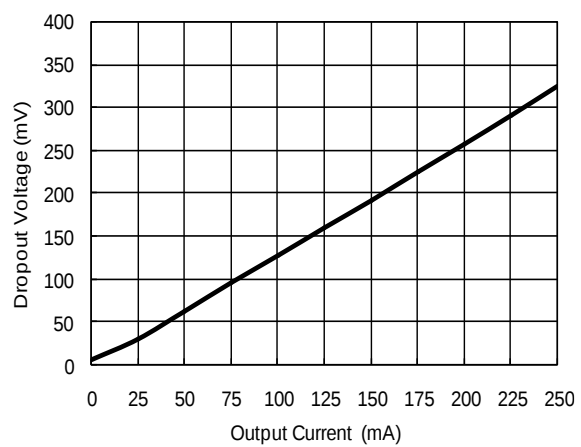
Output Voltage vs. Output Current
UM1560S-30, $V_{IN}=4.0V$



Output Voltage vs. Temperature
UM1560S-30, $V_{IN}=4V$, $I_{OUT}=3mA$

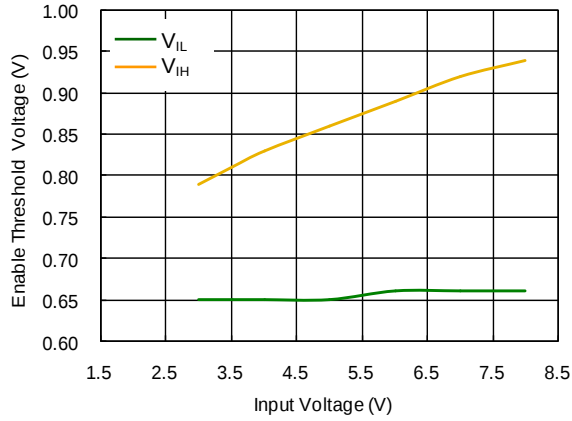


Dropout Voltage vs. Output Current

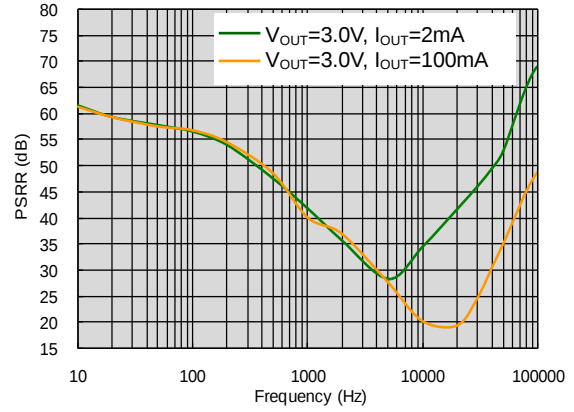


Typical Operating Characteristics (Continued) (Shown for 3.0V Output Option) ($C_{IN}=1.0\mu F$, $C_{OUT}=1.0\mu F$, $T_A=25^\circ C$, unless otherwise specified.)

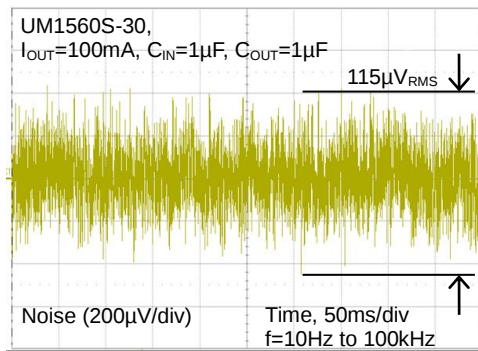
Enable Threshold Voltage vs. Input Voltage



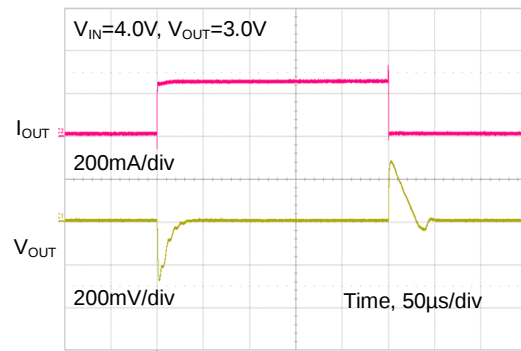
PSRR vs. Frequency UM1560S-30



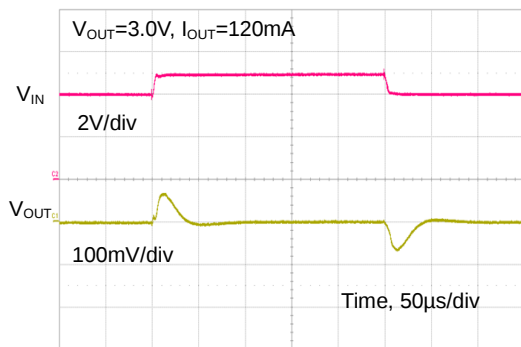
Noise



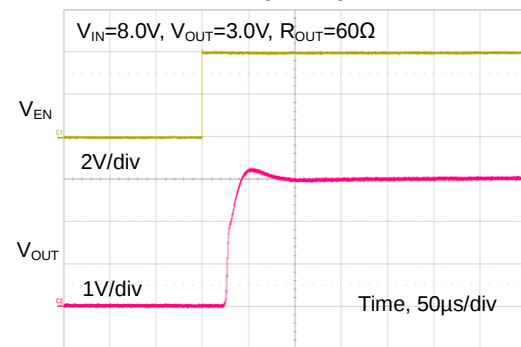
Load Transient Response



Line Transient Response



Start Up Response



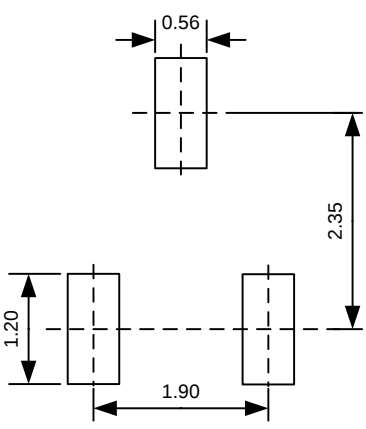
Package Information

SOT23-3

Outline Drawing

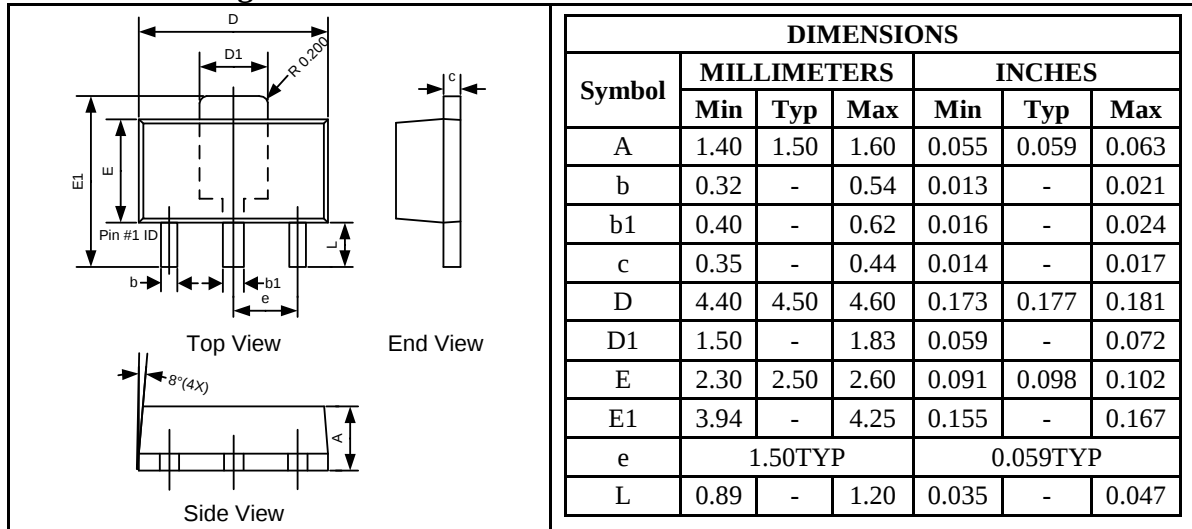
DIMENSIONS						
Symbol	MILLIMETERS			INCHES		
	Min	Typ	Max	Min	Typ	Max
A	1.013	1.15	1.40	0.040	0.045	0.055
A1	0.00	0.05	0.10	0.000	0.002	0.004
A2	1.00	1.10	1.30	0.039	0.043	0.051
b	0.30	-	0.50	0.012	-	0.020
c	0.10	0.15	0.20	0.004	0.006	0.008
D	2.82	-	3.10	0.111	-	0.122
E	1.50	1.60	1.70	0.059	0.063	0.067
E1	2.60	2.80	3.00	0.102	0.110	0.118
e	0.95REF			0.037REF		
e1	1.90REF			0.075REF		
L	0.30	-	0.60	0.012	-	0.024
θ	0°	-	8°	0°	-	8°

Land Pattern

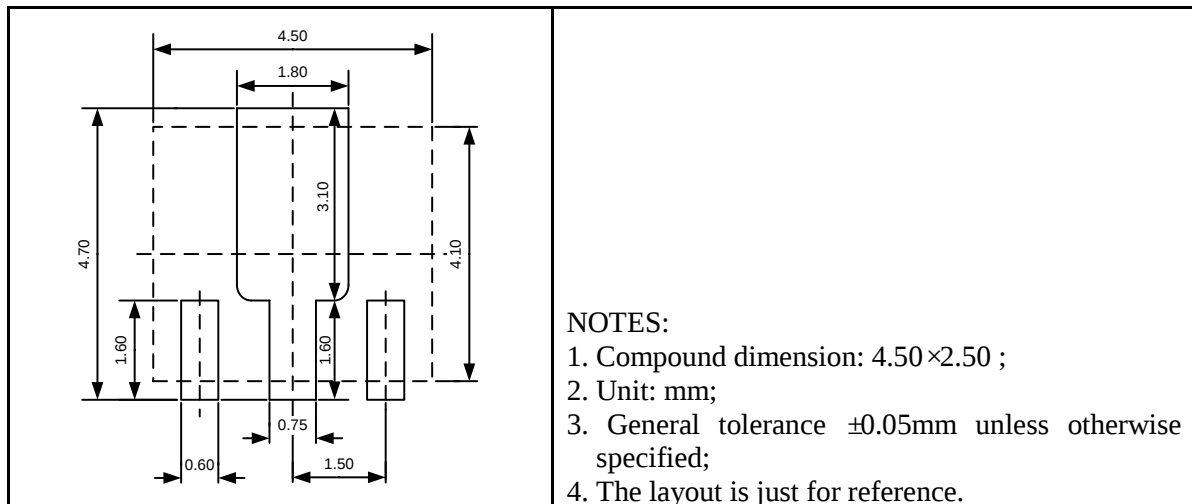
 The diagram shows the land pattern for the SOT23-3 package. It includes a top view of the package with dimensions: 0.56 mm for the width of the central pad, 1.20 mm for the width of the side pads, and 1.90 mm for the distance between the side pads. A side view shows the package height of 2.35 mm. The package is shown in a perspective view with dimensions A, A1, and A2.	NOTES: 1. Compound dimension: 2.92×1.60; 2. Unit: mm; 3. General tolerance $\pm 0.05\text{mm}$ unless otherwise specified; 4. The layout is just for reference.
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SOT89-3

Outline Drawing



Land Pattern

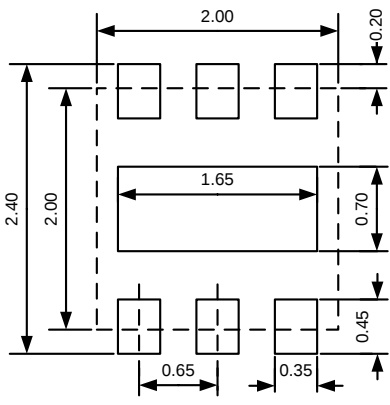


DFN6 2.0×2.0

Outline Drawing

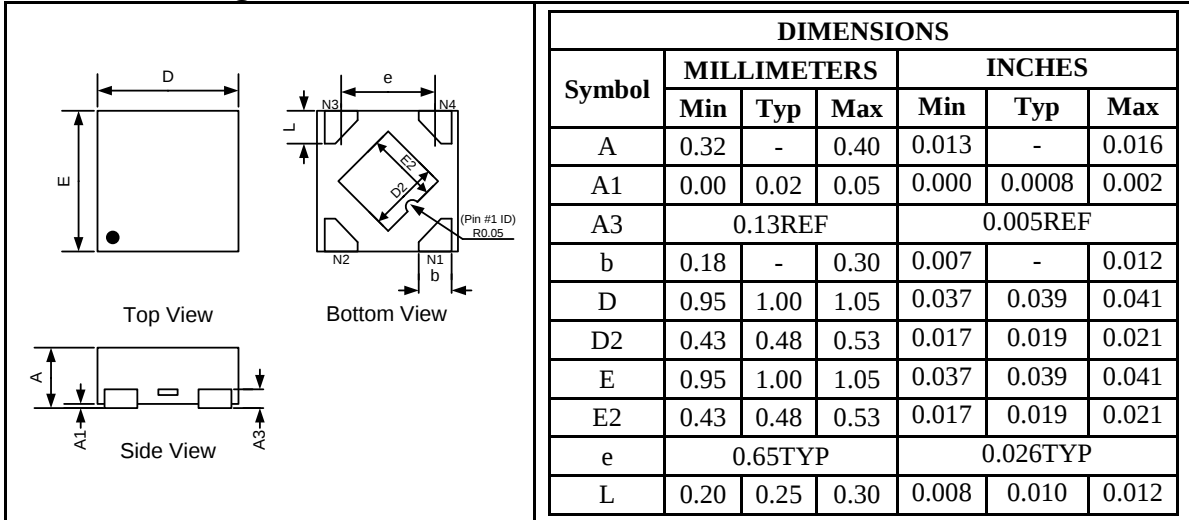
DIMENSIONS						
Symbol	MILLIMETERS			INCHES		
	Min	Typ	Max	Min	Typ	Max
A	0.55	-	0.80	0.022	-	0.031
A1	0.00	-	0.05	0.000	-	0.002
A3	0.20REF			0.008REF		
b	0.25	0.30	0.35	0.010	0.012	0.014
D	1.924	2.00	2.076	0.076	0.079	0.082
D2	1.35	-	1.75	0.053	-	0.069
E	1.924	2.00	2.076	0.076	0.079	0.082
E2	0.65	-	1.06	0.026	-	0.042
e	0.65BSC			0.026BSC		
L	0.224	-	0.45	0.009	-	0.018

Land Pattern

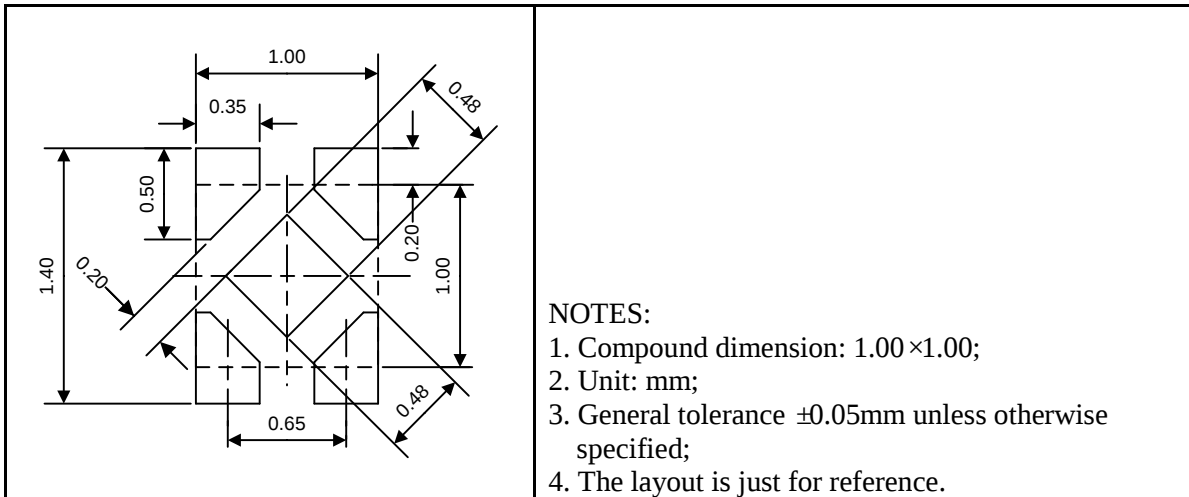
	NOTES: 1. Compound dimension: 2.00×2.00 ; 2. Unit: mm; 3. General tolerance $\pm 0.05\text{mm}$ unless otherwise specified; 4. The layout is just for reference.
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DFN4 1.0×1.0

Outline Drawing

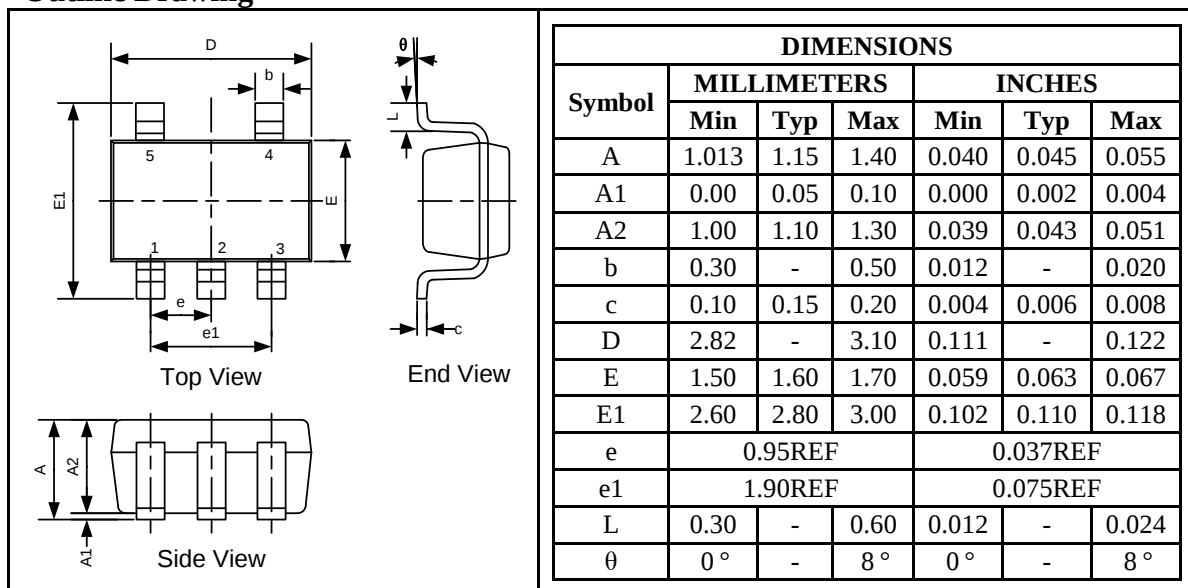


Land Pattern

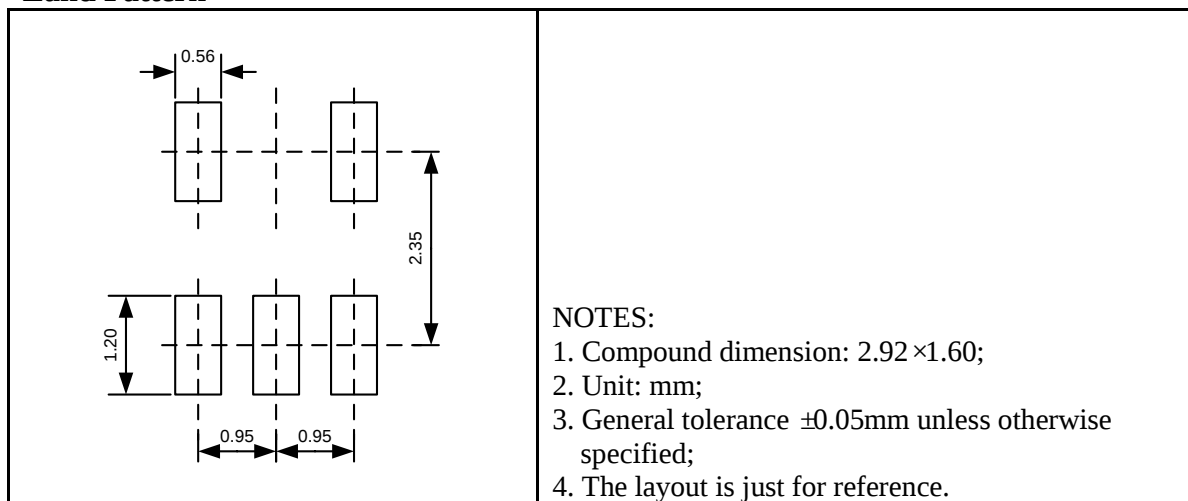


SOT23-5

Outline Drawing



Land Pattern

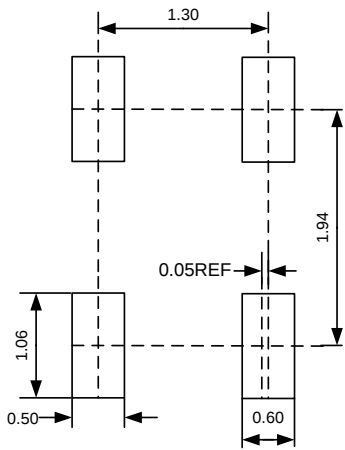


SOT343

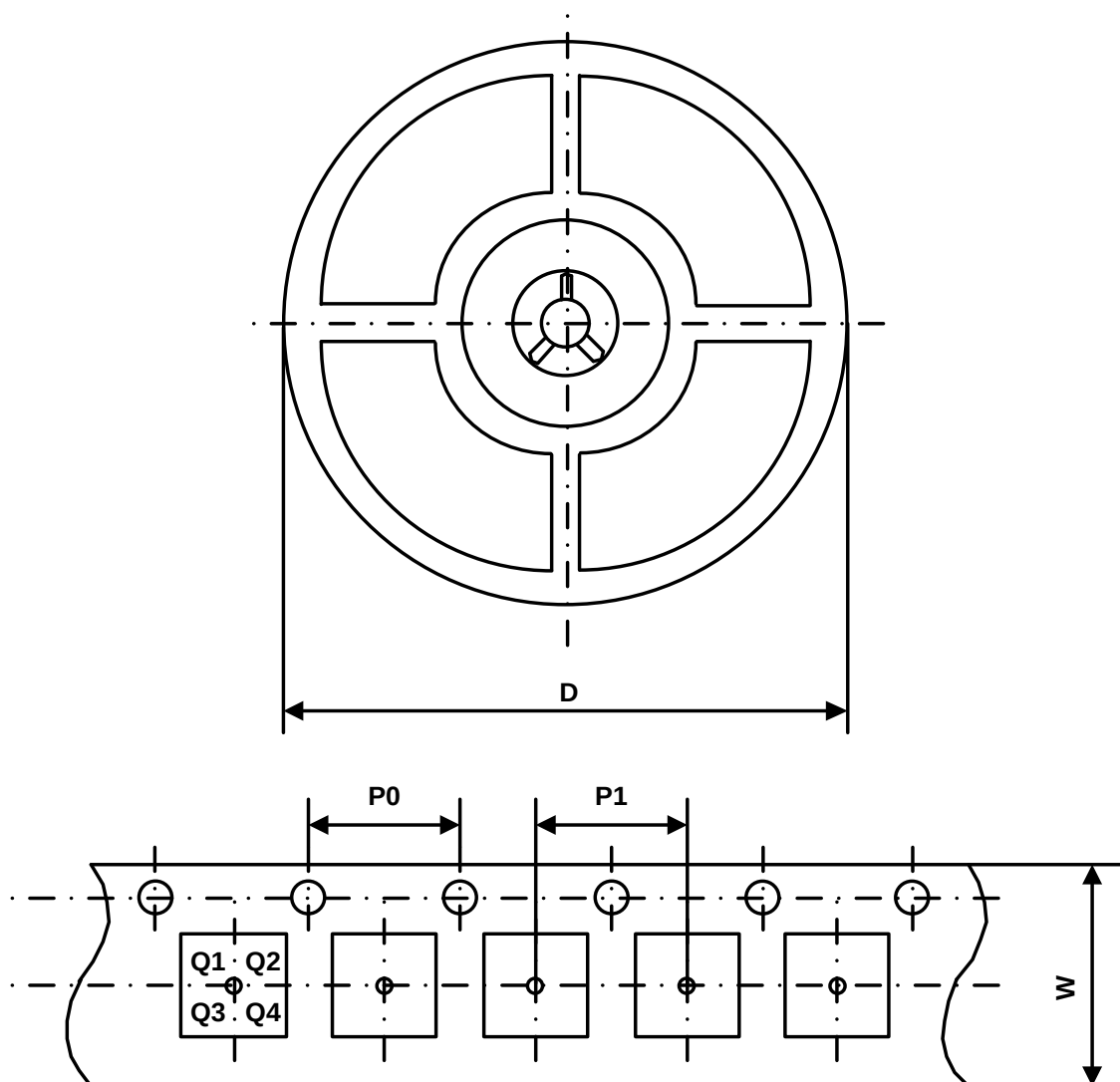
Outline Drawing

DIMENSIONS						
Symbol	MILLIMETERS			INCHES		
	Min	Typ	Max	Min	Typ	Max
A	0.90	-	1.10	0.035	-	0.043
A1	0.00	-	0.10	0.000	-	0.004
A2	0.90	-	1.00	0.035	-	0.039
b	0.25	-	0.40	0.010	-	0.016
b1	0.35	-	0.50	0.014	-	0.020
c	0.08	-	0.15	0.003	-	0.006
d	0.05TYP			0.002TYP		
D	2.00	2.10	2.20	0.079	0.083	0.087
E	1.15	1.25	1.35	0.045	0.049	0.053
E1	2.15	-	2.45	0.085	-	0.096
e	0.65TYP			0.026TYP		
e1	1.20	1.30	1.40	0.047	0.051	0.055
L	0.525REF			0.021REF		
L1	0.26	-	0.46	0.010	-	0.018
θ	0°	-	8°	0°	-	8°

Land Pattern

	NOTES: - Compound dimension: 2.10×1.25; - Unit: mm; - General tolerance $\pm 0.05\text{mm}$ unless otherwise specified; - The layout is just for reference.
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Packing Information



Part Number	Package Type	Carrier Width (W)	Pitch (P0)	Pitch (P1)	Reel Size (D)	PIN 1 Quadrant
UM1550S	SOT23-3	8 mm	4 mm	4 mm	180 mm	Q3
UM1550Y	SOT89-3	12 mm	4 mm	8 mm	180 mm	Q3
UM1550B	SOT89-3	12 mm	4 mm	8 mm	180 mm	Q3
UM1550DA	DFN6 2.0×2.0	8 mm	4 mm	4 mm	180 mm	Q1
UM1550DB	DFN4 1.0×1.0	8 mm	4 mm	2 mm	180 mm	Q1
UM1560S	SOT23-5	8 mm	4 mm	4 mm	180 mm	Q3
UM1560P	SOT343	8 mm	4 mm	4 mm	180 mm	Q3
UM1560DA	DFN6 2.0×2.0	8 mm	4 mm	4 mm	180 mm	Q1
UM1560DB	DFN4 1.0×1.0	8 mm	4 mm	2 mm	180 mm	Q1

Ordering Information

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1550S-12	1.2V	SOT23-3	5B2	3000pcs/7Inch Tape & Reel
UM1550S-13	1.3V		5B3	
UM1550S-14	1.4V		5B4	
UM1550S-15	1.5V		5B5	
UM1550S-16	1.6V		5B6	
UM1550S-17	1.7V		5B7	
UM1550S-18	1.8V		5B8	
UM1550S-19	1.9V		5B9	
UM1550S-20	2.0V		5RF	
UM1550S-21	2.1V		5RH	
UM1550S-22	2.2V		5RL	
UM1550S-23	2.3V		5RM	
UM1550S-24	2.4V		5RJ	
UM1550S-25	2.5V		5RK	
UM1550S-26	2.6V		5RN	
UM1550S-27	2.7V		5RP	
UM1550S-28	2.8V		5RQ	
UM1550S-29	2.9V		5RR	
UM1550S-30	3.0V		5RS	
UM1550S-31	3.1V		5RT	
UM1550S-32	3.2V		5RY	
UM1550S-33	3.3V		5RU	
UM1550S-34	3.4V		5RZ	
UM1550S-35	3.5V		5A5	
UM1550S-36	3.6V		5A6	
UM1550S-37	3.7V		5A7	
UM1550S-38	3.8V		5A8	
UM1550S-39	3.9V		5A9	
UM1550S-40	4.0V		5AL	
UM1550S-41	4.1V		5AM	
UM1550S-42	4.2V		5L2	
UM1550S-43	4.3V		5L3	
UM1550S-44	4.4V		5L4	
UM1550S-45	4.5V		5L5	
UM1550S-46	4.6V		5L6	
UM1550S-47	4.7V		5L7	
UM1550S-48	4.8V		5L8	
UM1550S-49	4.9V		5L9	
UM1550S-50	5.0V		5AY	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1550Y-12	1.2V	SOT89-3	CA2	1000pcs/7Inch Tape & Reel
UM1550Y-13	1.3V		CA3	
UM1550Y-14	1.4V		CA4	
UM1550Y-15	1.5V		CA5	
UM1550Y-16	1.6V		CA6	
UM1550Y-17	1.7V		CA7	
UM1550Y-18	1.8V		CA8	
UM1550Y-19	1.9V		CA9	
UM1550Y-20	2.0V		CAA	
UM1550Y-21	2.1V		CAB	
UM1550Y-22	2.2V		CB2	
UM1550Y-23	2.3V		CB3	
UM1550Y-24	2.4V		CB4	
UM1550Y-25	2.5V		CB5	
UM1550Y-26	2.6V		CB6	
UM1550Y-27	2.7V		CB7	
UM1550Y-28	2.8V		CB8	
UM1550Y-29	2.9V		CB9	
UM1550Y-30	3.0V		CBA	
UM1550Y-31	3.1V		CBB	
UM1550Y-32	3.2V		CC2	
UM1550Y-33	3.3V		CC3	
UM1550Y-34	3.4V		CC4	
UM1550Y-35	3.5V		CC5	
UM1550Y-36	3.6V		CC6	
UM1550Y-37	3.7V		CC7	
UM1550Y-38	3.8V		CC8	
UM1550Y-39	3.9V		CC9	
UM1550Y-40	4.0V		CCA	
UM1550Y-41	4.1V		CCB	
UM1550Y-42	4.2V		CD2	
UM1550Y-43	4.3V		CD3	
UM1550Y-44	4.4V		CD4	
UM1550Y-45	4.5V		CD5	
UM1550Y-46	4.6V		CD6	
UM1550Y-47	4.7V		CD7	
UM1550Y-48	4.8V		CD8	
UM1550Y-49	4.9V		CD9	
UM1550Y-50	5.0V		CDA	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1550B-12	1.2V	SOT89-3	CAC	1000pcs/7Inch Tape & Reel
UM1550B-13	1.3V		CAD	
UM1550B-14	1.4V		CAE	
UM1550B-15	1.5V		CAF	
UM1550B-16	1.6V		CAH	
UM1550B-17	1.7V		CAL	
UM1550B-18	1.8V		CAM	
UM1550B-19	1.9V		CAJ	
UM1550B-20	2.0V		CAK	
UM1550B-21	2.1V		CAN	
UM1550B-22	2.2V		CAP	
UM1550B-23	2.3V		CAQ	
UM1550B-24	2.4V		CAR	
UM1550B-25	2.5V		CAS	
UM1550B-26	2.6V		CAT	
UM1550B-27	2.7V		CAY	
UM1550B-28	2.8V		CAU	
UM1550B-29	2.9V		CAZ	
UM1550B-30	3.0V		CBC	
UM1550B-31	3.1V		CBD	
UM1550B-32	3.2V		CBE	
UM1550B-33	3.3V		CBF	
UM1550B-34	3.4V		CBH	
UM1550B-35	3.5V		CBL	
UM1550B-36	3.6V		CBM	
UM1550B-37	3.7V		CBJ	
UM1550B-38	3.8V		CBK	
UM1550B-39	3.9V		CBN	
UM1550B-40	4.0V		CBP	
UM1550B-41	4.1V		CBQ	
UM1550B-42	4.2V		CBR	
UM1550B-43	4.3V		CBS	
UM1550B-44	4.4V		CBT	
UM1550B-45	4.5V		CBY	
UM1550B-46	4.6V		CBU	
UM1550B-47	4.7V		CBZ	
UM1550B-48	4.8V		CCC	
UM1550B-49	4.9V		CCD	
UM1550B-50	5.0V		CCE	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1550DA-12	1.2V	DFN6 2.0×2.0	AH2	3000pcs/7Inch Tape & Reel
UM1550DA-13	1.3V		AH3	
UM1550DA-14	1.4V		AH4	
UM1550DA-15	1.5V		AH5	
UM1550DA-16	1.6V		AH6	
UM1550DA-17	1.7V		AH7	
UM1550DA-18	1.8V		AH8	
UM1550DA-19	1.9V		AH9	
UM1550DA-20	2.0V		AHA	
UM1550DA-21	2.1V		AHB	
UM1550DA-22	2.2V		AHC	
UM1550DA-23	2.3V		AHD	
UM1550DA-24	2.4V		AHE	
UM1550DA-25	2.5V		AHF	
UM1550DA-26	2.6V		AHG	
UM1550DA-27	2.7V		AHH	
UM1550DA-28	2.8V		AHJ	
UM1550DA-29	2.9V		AHK	
UM1550DA-30	3.0V		AHL	
UM1550DA-31	3.1V		AHN	
UM1550DA-32	3.2V		AHP	
UM1550DA-33	3.3V		AHQ	
UM1550DA-34	3.4V		AHR	
UM1550DA-35	3.5V		AHS	
UM1550DA-36	3.6V		AHT	
UM1550DA-37	3.7V		AHU	
UM1550DA-38	3.8V		AHV	
UM1550DA-39	3.9V		AHZ	
UM1550DA-40	4.0V		AJA	
UM1550DA-41	4.1V		AJB	
UM1550DA-42	4.2V		AJ2	
UM1550DA-43	4.3V		AJ3	
UM1550DA-44	4.4V		AJ4	
UM1550DA-45	4.5V		AJ5	
UM1550DA-46	4.6V		AJ6	
UM1550DA-47	4.7V		AJ7	
UM1550DA-48	4.8V		AJ8	
UM1550DA-49	4.9V		AJ9	
UM1550DA-50	5.0V		AJC	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1550DB-12	1.2V	DFN4 1.0×1.0	JD	10000pcs/7Inch Tape & Reel
UM1550DB-13	1.3V		JE	
UM1550DB-14	1.4V		JF	
UM1550DB-15	1.5V		JG	
UM1550DB-16	1.6V		JH	
UM1550DB-17	1.7V		JJ	
UM1550DB-18	1.8V		JK	
UM1550DB-19	1.9V		JL	
UM1550DB-20	2.0V		JN	
UM1550DB-21	2.1V		JP	
UM1550DB-22	2.2V		JQ	
UM1550DB-23	2.3V		JR	
UM1550DB-24	2.4V		JS	
UM1550DB-25	2.5V		JT	
UM1550DB-26	2.6V		JU	
UM1550DB-27	2.7V		JV	
UM1550DB-28	2.8V		JZ	
UM1550DB-29	2.9V		KD	
UM1550DB-30	3.0V		KE	
UM1550DB-31	3.1V		KF	
UM1550DB-32	3.2V		KG	
UM1550DB-33	3.3V		KH	
UM1550DB-34	3.4V		KJ	
UM1550DB-35	3.5V		KK	
UM1550DB-36	3.6V		KL	
UM1550DB-37	3.7V		KN	
UM1550DB-38	3.8V		KP	
UM1550DB-39	3.9V		KQ	
UM1550DB-40	4.0V		KR	
UM1550DB-41	4.1V		KS	
UM1550DB-42	4.2V		KT	
UM1550DB-43	4.3V		KU	
UM1550DB-44	4.4V		KV	
UM1550DB-45	4.5V		KZ	
UM1550DB-46	4.6V		ND	
UM1550DB-47	4.7V		NE	
UM1550DB-48	4.8V		NF	
UM1550DB-49	4.9V		NG	
UM1550DB-50	5.0V		NH	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1560S-12	1.2V	SOT23-5	6D2	3000pcs/7Inch Tape & Reel
UM1560S-13	1.3V		6D3	
UM1560S-14	1.4V		6D4	
UM1560S-15	1.5V		6D5	
UM1560S-16	1.6V		6D6	
UM1560S-17	1.7V		6D7	
UM1560S-18	1.8V		6D8	
UM1560S-19	1.9V		6D9	
UM1560S-20	2.0V		6DA	
UM1560S-21	2.1V		6DB	
UM1560S-22	2.2V		6G2	
UM1560S-23	2.3V		6G3	
UM1560S-24	2.4V		6G4	
UM1560S-25	2.5V		6G5	
UM1560S-26	2.6V		6G6	
UM1560S-27	2.7V		6G7	
UM1560S-28	2.8V		6G8	
UM1560S-29	2.9V		6G9	
UM1560S-30	3.0V		6GA	
UM1560S-31	3.1V		6GB	
UM1560S-32	3.2V		6H2	
UM1560S-33	3.3V		6H3	
UM1560S-34	3.4V		6H4	
UM1560S-35	3.5V		6H5	
UM1560S-36	3.6V		6H6	
UM1560S-37	3.7V		6H7	
UM1560S-38	3.8V		6H8	
UM1560S-39	3.9V		6H9	
UM1560S-40	4.0V		6HA	
UM1560S-41	4.1V		6HB	
UM1560S-42	4.2V		6J2	
UM1560S-43	4.3V		6J3	
UM1560S-44	4.4V		6J4	
UM1560S-45	4.5V		6J5	
UM1560S-46	4.6V		6J6	
UM1560S-47	4.7V		6J7	
UM1560S-48	4.8V		6J8	
UM1560S-49	4.9V		6J9	
UM1560S-50	5.0V		6JA	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1560P-12	1.2V	SOT343	U42	3000pcs/7Inch Tape & Reel
UM1560P-13	1.3V		U43	
UM1560P-14	1.4V		U44	
UM1560P-15	1.5V		U45	
UM1560P-16	1.6V		U46	
UM1560P-17	1.7V		U47	
UM1560P-18	1.8V		U48	
UM1560P-19	1.9V		U49	
UM1560P-20	2.0V		U4A	
UM1560P-21	2.1V		U4B	
UM1560P-22	2.2V		U4C	
UM1560P-23	2.3V		U4D	
UM1560P-24	2.4V		U4E	
UM1560P-25	2.5V		U4F	
UM1560P-26	2.6V		U4H	
UM1560P-27	2.7V		U4L	
UM1560P-28	2.8V		U4M	
UM1560P-29	2.9V		U4J	
UM1560P-30	3.0V		U4K	
UM1560P-31	3.1V		U4N	
UM1560P-32	3.2V		U4P	
UM1560P-33	3.3V		U4Q	
UM1560P-34	3.4V		U4R	
UM1560P-35	3.5V		U4S	
UM1560P-36	3.6V		U4T	
UM1560P-37	3.7V		U4Y	
UM1560P-38	3.8V		U4U	
UM1560P-39	3.9V		U4Z	
UM1560P-40	4.0V		U5A	
UM1560P-41	4.1V		U5B	
UM1560P-42	4.2V		U52	
UM1560P-43	4.3V		U53	
UM1560P-44	4.4V		U54	
UM1560P-45	4.5V		U55	
UM1560P-46	4.6V		U56	
UM1560P-47	4.7V		U57	
UM1560P-48	4.8V		U58	
UM1560P-49	4.9V		U59	
UM1560P-50	5.0V		U5C	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1560DA-12	1.2V	DFN6 2.0×2.0	AK2	3000pcs/7Inch Tape & Reel
UM1560DA-13	1.3V		AK3	
UM1560DA-14	1.4V		AK4	
UM1560DA-15	1.5V		AK5	
UM1560DA-16	1.6V		AK6	
UM1560DA-17	1.7V		AK7	
UM1560DA-18	1.8V		AK8	
UM1560DA-19	1.9V		AK9	
UM1560DA-20	2.0V		AKA	
UM1560DA-21	2.1V		AKB	
UM1560DA-22	2.2V		AKC	
UM1560DA-23	2.3V		AKD	
UM1560DA-24	2.4V		AKE	
UM1560DA-25	2.5V		AKF	
UM1560DA-26	2.6V		AKG	
UM1560DA-27	2.7V		AKH	
UM1560DA-28	2.8V		AKJ	
UM1560DA-29	2.9V		AKK	
UM1560DA-30	3.0V		AKL	
UM1560DA-31	3.1V		AKN	
UM1560DA-32	3.2V		AKP	
UM1560DA-33	3.3V		AKQ	
UM1560DA-34	3.4V		AKR	
UM1560DA-35	3.5V		AKS	
UM1560DA-36	3.6V		AKT	
UM1560DA-37	3.7V		AKU	
UM1560DA-38	3.8V		AKV	
UM1560DA-39	3.9V		AKZ	
UM1560DA-40	4.0V		ANA	
UM1560DA-41	4.1V		ANB	
UM1560DA-42	4.2V		AN2	
UM1560DA-43	4.3V		AN3	
UM1560DA-44	4.4V		AN4	
UM1560DA-45	4.5V		AN5	
UM1560DA-46	4.6V		AN6	
UM1560DA-47	4.7V		AN7	
UM1560DA-48	4.8V		AN8	
UM1560DA-49	4.9V		AN9	
UM1560DA-50	5.0V		ANC	

Ordering Information (Continued)

Part Number	Output Voltage	Packaging Type	Marking Code	Shipping Qty
UM1560DB-12	1.2V	DFN4 1.0×1.0	D2	10000pcs/7Inch Tape & Reel
UM1560DB-13	1.3V		D3	
UM1560DB-14	1.4V		D4	
UM1560DB-15	1.5V		D5	
UM1560DB-16	1.6V		D6	
UM1560DB-17	1.7V		D7	
UM1560DB-18	1.8V		D8	
UM1560DB-19	1.9V		D9	
UM1560DB-20	2.0V		DA	
UM1560DB-21	2.1V		DB	
UM1560DB-22	2.2V		F2	
UM1560DB-23	2.3V		F3	
UM1560DB-24	2.4V		F4	
UM1560DB-25	2.5V		F5	
UM1560DB-26	2.6V		F6	
UM1560DB-27	2.7V		F7	
UM1560DB-28	2.8V		F8	
UM1560DB-29	2.9V		F9	
UM1560DB-30	3.0V		FA	
UM1560DB-31	3.1V		FB	
UM1560DB-32	3.2V		H2	
UM1560DB-33	3.3V		H3	
UM1560DB-34	3.4V		H4	
UM1560DB-35	3.5V		H5	
UM1560DB-36	3.6V		H6	
UM1560DB-37	3.7V		H7	
UM1560DB-38	3.8V		H8	
UM1560DB-39	3.9V		H9	
UM1560DB-40	4.0V		HA	
UM1560DB-41	4.1V		HB	
UM1560DB-42	4.2V		P2	
UM1560DB-43	4.3V		P3	
UM1560DB-44	4.4V		P4	
UM1560DB-45	4.5V		P5	
UM1560DB-46	4.6V		P6	
UM1560DB-47	4.7V		P7	
UM1560DB-48	4.8V		P8	
UM1560DB-49	4.9V		P9	
UM1560DB-50	5.0V		PA	

GREEN COMPLIANCE

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