

# SOT322-3

plastic quad flat package; 160 leads (lead length 1.95 mm);  
body 28 x 28 x 3.4 mm; lead angle 60 deg

8 February 2016

Package information

## 1. Package summary

<b>Terminal position code</b>	Q (quad)
<b>Package type descriptive code</b>	QFP160
<b>Package type industry code</b>	QFP160
<b>Package style descriptive code</b>	QFP (quad flat package)
<b>Package style suffix code</b>	NA (not applicable)
<b>Package body material type</b>	P (plastic)
<b>JEDEC package outline code</b>	MO-112
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	13-9-2004

Table 1. Package summary

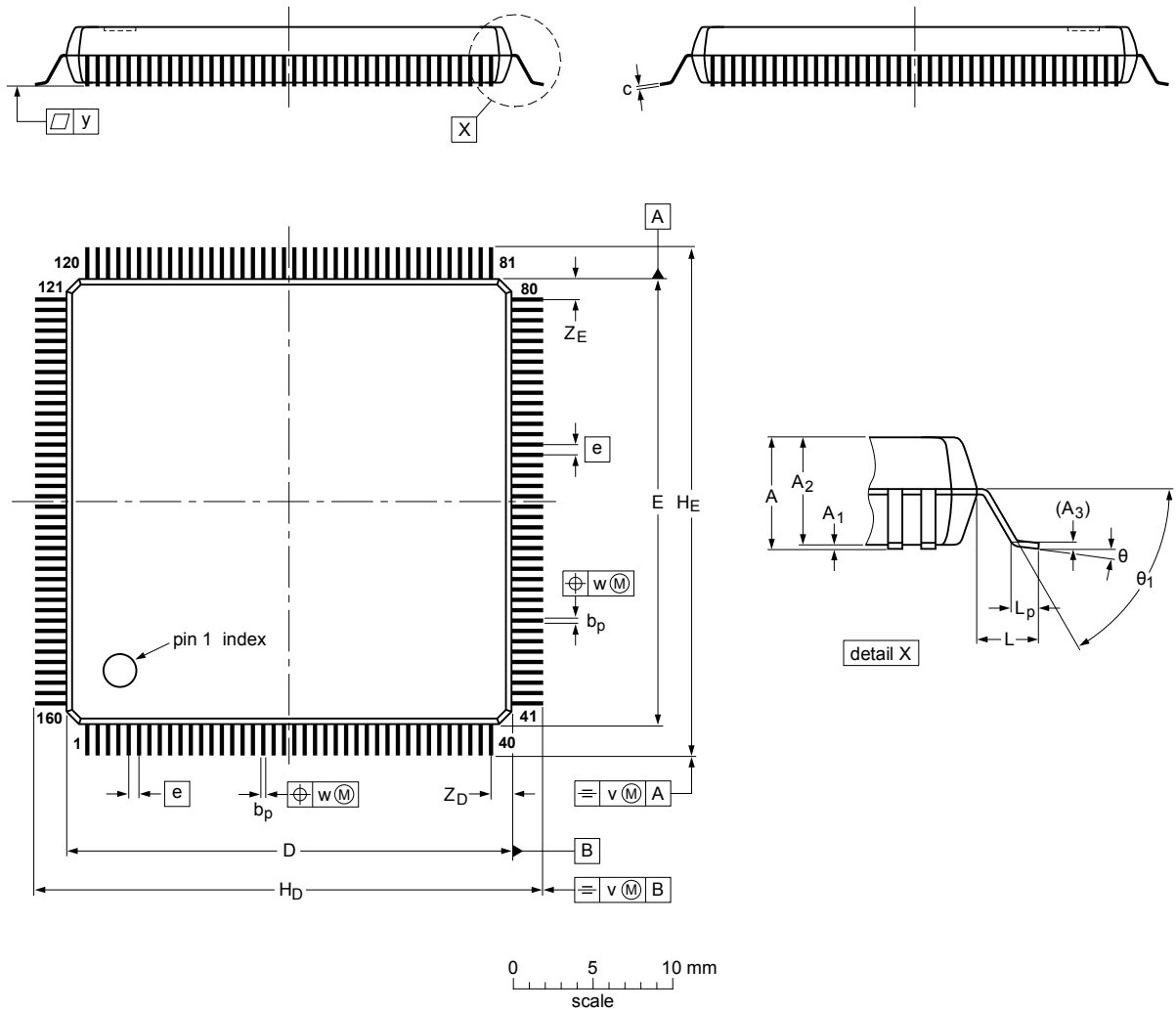
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	27.9	-	28	28.1	mm
E	package width	27.9	-	28	28.1	mm
A	seated height	[tbd]	-	3.95	3.95	mm
A <sub>2</sub>	package height	3.15	-	3.4	3.7	mm
n <sub>2</sub>	actual quantity of termination	-	-	160	-	



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## 2. Package outline

QFP160: plastic quad flat package; 160 leads (lead length 1.95 mm); body 28 x 28 x 3.4 mm; lead angle 60° SOT322-3



**DIMENSIONS** (mm are the original dimensions)

UNIT	A <sub>max</sub>	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	c	D <sup>(1)</sup>	E <sup>(1)</sup>	e	H <sub>D</sub>	H <sub>E</sub>	L	L <sub>p</sub>	v	w	y	Z <sub>D</sub> <sup>(1)</sup>	Z <sub>E</sub> <sup>(1)</sup>	θ	θ <sub>1</sub>
mm	3.95	0.25 0.05	3.70 3.15	0.25	0.38 0.22	0.23 0.13	28.1 27.9	28.1 27.9	0.65	32.2 31.6	32.2 31.6	1.95	0.95 0.55	0.25	0.2	0.1	1.5 1.1	1.5 1.1	7° 0°	65° 55°

**Note**

1. Plastic or metal protrusions of 0.25 mm maximum per side are not included

OUTLINE VERSION	REFERENCES			EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA		
SOT322-3	---	MO-112			04-07-14 04-09-13

Fig. 1. Package outline QFP160 (SOT322-3)

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### 3. Legal information

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## 4. Contents

---

1. Package summary.....	1
2. Package outline.....	2
3. Legal information.....	3

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For sales office addresses, please send an email to: [salesaddresses@nxp.com](mailto:salesaddresses@nxp.com)  
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