



SOT1166-1

DFN1714-8: plastic, thermal enhanced ultra thin small outline package; no leads; 8 terminals

8 February 2016

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	DFN1714-8
Package type industry code	DFN1714-8
Package style descriptive code	HUSON (thermal enhanced ultra thin small outline; no leads)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	---
JEDEC package outline code	---
JEITA package outline code	---
Mounting method type	S (surface mount)
Issue date	22-3-2010

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.6	-	1.7	1.8	mm
E	package width	1.25	-	1.35	1.45	mm
A	seated height	[tbd]	-	[tbd]	0.55	mm
e	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	8	-	



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2. Package outline

HUSON8: plastic, thermal enhanced ultra thin small outline package; no leads; 8 terminals; body 1.35 x 1.7 x 0.55 mm

SOT1166-1

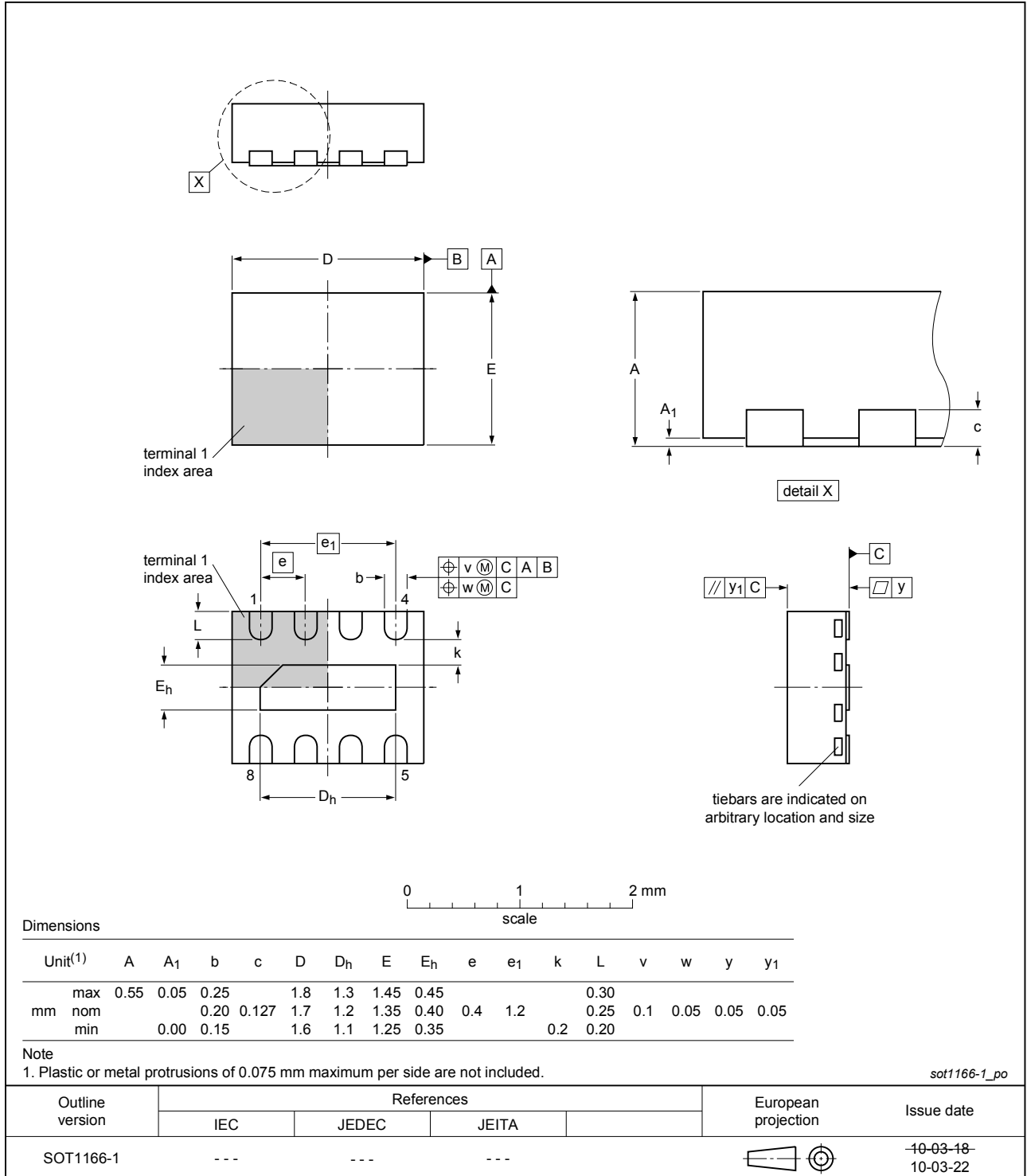
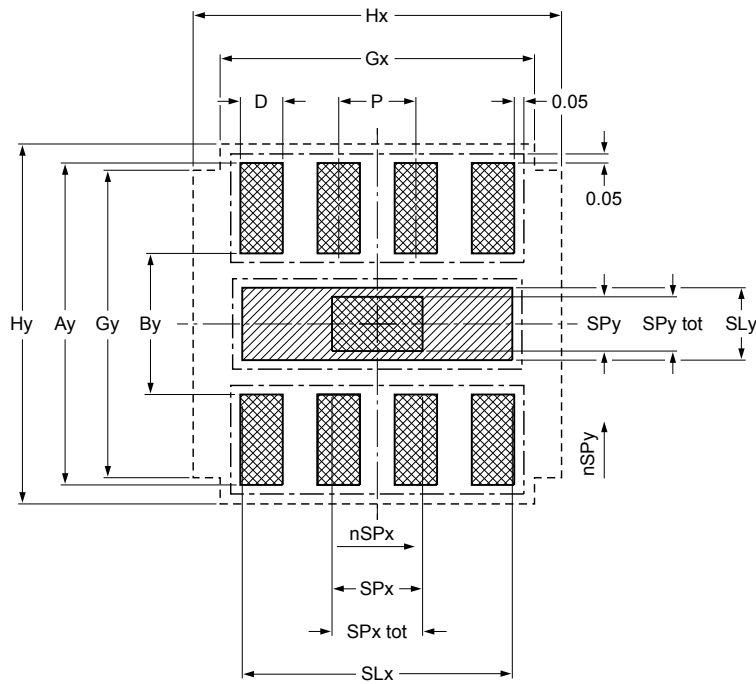


Fig. 1. Package outline DFN1714-8 (SOT1166-1)

3. Soldering

Footprint information for reflow soldering of HUSON8 package SOT1166-1



Generic footprint pattern
Refer to the package outline drawing for actual layout

- solder land
- solder paste deposit
- solder land plus solder paste
- occupied area
- _____ solder resist

DIMENSIONS in mm

P	Ay	By	D	SLx	SLy	SPx tot	SPy tot	SPx	SPy	Gx	Gy	Hx	Hy	nSPx	nSPy
0.400	1.780	0.780	0.220	1.400	0.400	0.500	0.300	0.500	0.300	1.630	1.700	1.910	1.990	1	1

Issue date ~~12-08-15~~
12-08-28

sot1166-1_fr

Fig. 2. Reflow soldering footprint for DFN1714-8 (SOT1166-1)

4. Legal information

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5. Contents

1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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