Package information STM32G071x8/xB

## 6 **Package information**

In order to meet environmental requirements, ST offers these devices in different grades of ECOPACK® packages, depending on their level of environmental compliance. ECOPACK® specifications, grade definitions and product status are available at: www.st.com. ECOPACK® is an ST trademark.

## 6.1 LQFP64 package information

LQFP64 is a 64-pin, 10 x 10 mm low-profile quad flat package.

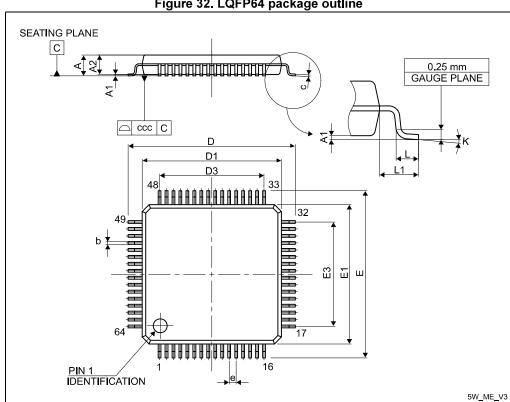


Figure 32. LQFP64 package outline

1. Drawing is not to scale.

Table 74. LQFP64 package mechanical data

Symbol	millimeters			inches <sup>(1)</sup>		
	Min	Тур	Max	Min	Тур	Max
А	-	-	1.600	-	-	0.0630
A1	0.050	-	0.150	0.0020	-	0.0059
A2	1.350	1.400	1.450	0.0531	0.0551	0.0571





Table 74. LQFP64 package mechanical data (continued)

Symbol	millimeters			inches <sup>(1)</sup>		
	Min	Тур	Max	Min	Тур	Max
b	0.170	0.220	0.270	0.0067	0.0087	0.0106
С	0.090	-	0.200	0.0035	-	0.0079
D	-	12.000	-	-	0.4724	-
D1	-	10.000	-	-	0.3937	-
D3	-	7.500	-	-	0.2953	-
E	-	12.000	-	-	0.4724	-
E1	-	10.000	-	-	0.3937	-
E3	-	7.500	-	-	0.2953	-
е	-	0.500	-	-	0.0197	-
K	0°	3.5°	7°	0°	3.5°	7°
L	0.450	0.600	0.750	0.0177	0.0236	0.0295
L1	-	1.000	-	-	0.0394	-
ccc	-	-	0.080	-	-	0.0031

<sup>1.</sup> Values in inches are converted from mm and rounded to 4 decimal digits.

1. Dimensions are expressed in millimeters.



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## **Device marking**

The following figure gives an example of topside marking orientation versus pin 1 identifier location.

The printed markings may differ depending on the supply chain.

Other optional marking or inset/upset marks, which identify the parts throughout supply chain operations, are not indicated below.

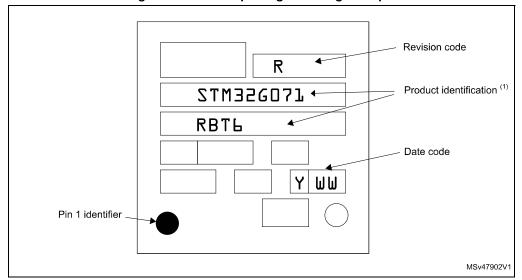


Figure 34. LQFP64 package marking example

Parts marked as ES or E or accompanied by an Engineering Sample notification letter are not yet qualified
and therefore not approved for use in production. ST is not responsible for any consequences resulting
from such use. In no event will ST be liable for the customer using any of these engineering samples in
production. ST's Quality department must be contacted prior to any decision to use these engineering
samples to run a qualification activity.



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