



**PRODUCT/PROCESS
CHANGE NOTIFICATION
PCN13483
– Additional information**

**STM32G050x, STM32G051x
and STM32G061x 64K - product enhancement**

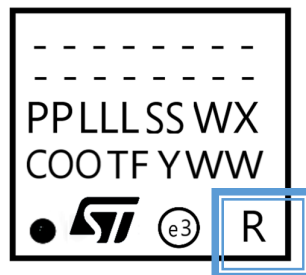
MDG – General Purpose Microcontrollers Division (GPM)

What are the changes?

Changes described in table below:

STM32G050x, STM32G051x, STM32G061x	Current Cut1.0	New Cut1.1
Die revision Marking R	"A"	"Z"

Example: Marking on package UFQFPN 7X7X0.55 48L





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How to order samples?

For all samples request linked to this PCN, please:

- place a **Non-standard** sample order (choose Sample Non Std Type from pull down menu)
- insert the PCN number "**PCN13483**" into the NPO Electronic Sheet/**Regional Sheet**
- request sample(s) through Notice tool, indicating a single Commercial Product for each request

Partial Ship: 01 Price Pol: 05 Status: 01 Canc:

%: 0 Sample Type: Sample Non Std Type

Closing Type: Sample Std Type
Sample Non Std Type
Sample Non Std w Spl Tests

Lab Sheet:

SO | NPO Sample

Header
SO Nr: 0018502433 Customer: 99770200 01 ST-TOKYO SO Type: 30 Sample Order Cost Center: JT3129 SAMPLES /SALES J
PO Nr: Carrier Code: 0001 Price Policy: 05 Currency: 02 U.S. DOLLAR Req Name:
Notes: Status: 01 All items pending,ni Issuing Date: 25-JUN-2018 Ord Val: 0.0000 Sample Req Date: 25-Jun-2018

Sch I Nr	PO I. Nr.	Finished Good	Comm Qty	Open Qty	Plant Open Qty	Reqd Qty	Unit Price	RD	CD	EDD	St
1.1.10	000001	STM32F429NIH6	30	30	30	30	0.0000	25-Jun-18	01-Mar-59	01-Mar-59	01

Final Cust:
PO Item: 000001 Comm Prod: STM32F429NIH6 Qty: 30 RD: 25-Jun-18 Unit Price: 0.0000 Final Cust: 8800367006 SANSHIN/NPC

Cust Part Nr: Finished Good: Partial Ship: 01 Price Pol: 05 Status: 01 Canc:

Notes: TAM K Pieces: 0 Our Share%: 0 Sample Type: Sample Non Std Type

Project Name: Closing Date: Closing Type:

Regional Sheet: PCN 10595

Lab Sheet:



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PCN13483 RERMCD2012 – Die 456XXXZ Cut 1.1 TSMC CMOS90 – Reliability Plan

June 16th, 2022

MDG GPM Quality & Reliability Department

RERMCD2012 – Die 456XXXZ Cut 1.1 TSMC CMOS90nm

Trial	Test1	Method	Conditions	package	Sample x lot
					456XXXZ (Cut 1.1)
Die	HTOL	MIL-STD-883 Method 1005 JESD22A108	Tj 130°C Ta = 125°C 168h 3.6V	LQFP7x7 48L pitch 0.5	77 x 1
	LU	0018695 JESD78	Tj 130°C	LQFP7x7 48L pitch 0.5	3 x 1
	ESD HBM	ANSI/ESDA/JEDEC JS-001	Ta 25°C Min 1KV (Class 1C) Target 2KV (Class 2)	LQFP7x7 48L pitch 0.5	3 x 1
	ESD CDM	ANSI/ESDA/ JEDEC JS-002	Ta 25°C Min 250V (class C3) Target 500V (Class C4)	LQFP7x7 48L pitch 0.5	3 x 1

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