



Public Products List

Public Products are off the shelf products. They are not dedicated to specific customers, they are available through ST Sales team, or Distributors, and visible on ST.com

PCN Title : STM32G070x, STM32G071x and STM32G081x - product enhancement

PCN Reference : MDG/22/13640

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

STM32L151ZCT6TR	STM32L100R8T6	STM32G071C8U6TR
STM32G070RBT6	STM32G071RBI6	STM32G070KBT6
STM32G071RBT7TR	STM32G071RBI3TR	STM32L152VDT6TR
STM32L151CBU6TR	STM32L152CBT6	STM32L151VCT6ATR
STM32L151C8T6TR	STM32L152C8T6	STM32G081CBT6TR
STM32L152C6T6	STM32L152R6T6TR	STM32G071C8T3
STM32L151R6T6	STM32L100RBT6TR	STM32L151RBT6TR
STM32G071RBT3	STM32L152VCT6A	STM32L151R6H6
STM32L151VBH6TR	STM32L151R8T6	STM32G071R8T6
STM32L151C6U6	STM32L100R8T6TR	STM32G070RBT6TR
STM32G071KBT3	STM32G071G8U6TR	STM32L151RCT6A
STM32L152R8T6TR	STM32L152RCT6ATR	STM32L151VDT6
STM32L151C6T6TR	STM32G071GBU6N	STM32L151RBT6
STM32G070CBT6TR	STM32L152VBH6	STM32G071G8U6
STM32G071GBU3TR	STM32G071C8U7TR	STM32L151QDH6TR
STM32L151C8U6	STM32L162RDT6TR	STM32L152RBT6
STM32L100RBT6	STM32L151R6T6TR	STM32G071KBU6TR
STM32L151CBT6TR	STM32G081RBI6	STM32L100C6U6TR
STM32L162VCT6A	STM32G071KBT6N	STM32L152CBU6
STM32L151CBT6	STM32L152R8T6	STM32L152V8H6
STM32G071CBT6TR	STM32G071CBT6	STM32G081RBT3
STM32G071K8T3TR	STM32L151QDH6	STM32G071KBU6N
STM32G081CBT6	STM32G071C8U3	STM32G070KBT6TR
STM32G071GBU3	STM32L151C6T6	STM32L151R8H6
STM32G070CBT6	STM32L152ZDT6	STM32L151VBT6
STM32L152QCH6	STM32L151RDT6	STM32G071KBU7TR
STM32G071C8T6TR	STM32L152ZCT6	STM32G071CBT3
STM32G081RBT6TR	STM32L162VDT6	STM32G081RBT6
STM32G071GBU6	STM32G071GBU7	STM32L152V8H6TR
STM32G071CBU6TR	STM32L152R6T6	STM32G071K8U6
STM32L151VBT6TR	STM32G071C8T6	STM32G071CBU6
STM32G071C8U3TR	STM32L152RBH6	STM32L152VDT6
STM32G071CBT7TR	STM32L151C6U6TR	STM32L152RDY6TR
STM32L100C6U6	STM32L151V8H6	STM32L151RCY6TR
STM32G071KBT6	STM32L151R8H6TR	STM32G081CBU6
STM32L151V8T6	STM32G071G8U6N	STM32G071KBU7



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STM32L152VBT6	STM32L151QCH6	STM32G071EBY6TR
STM32G081KBU6	STM32G071GBU6TR	STM32L151C8U6TR
STM32L152C8U6	STM32L152QDH6	STM32L162QCH6
STM32G081GBU6	STM32L152C6U6	STM32L151RBH6TR
STM32L162QDH6DTR	STM32L152R8H6	STM32G081EBY6TR
STM32G071RBT7	STM32L152RCT6A	STM32L152V8T6TR
STM32L151VBH6	STM32L162RDY6TR	STM32L152RDT6
STM32G071CBU3	STM32L151C8T6	STM32G071C8U7
STM32G071KBU6	STM32L152R6H6	STM32L151VCT6A
STM32L151RCT6ATR	STM32L151CBU6	STM32G071CBT7
STM32G071RBT6	STM32L151ZDT6	STM32L162RCT6A
STM32L162RDT6	STM32L151RDT6TR	STM32L152ZCT6TR
STM32L162ZDT6	STM32L152VBT6TR	STM32L162QDH6TR
STM32L162QDH6	STM32G071RBI3	STM32G071KBU3
STM32L151RDY6TR	STM32G071K8T3	STM32L151RDT7
STM32G081KBT6	STM32L151ZCT6	STM32L152V8T6
STM32G071GBU7TR	STM32L151VDT6TR	STM32L151RBH6
STM32L162ZCT6	STM32L162VDT6TR	STM32L151RBH6TTR



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PCN13640 RERMCD1602 Die 460XXXY Cut 2.1 TSMC090ULL 90nm Reliability Plan

October 28th, 2022

MDG GPM Quality & Reliability Department

RERMCD1602 – Die 460XXXY Cut 2.1 TSMC090ULL 90nm

Trial	Test1	Method	Conditions	package	Sample x lot
					460XXXY (Cut 2.1)
Die	HTOL	MIL-STD-883 Method 1005 JESD22A108	Tj 130°C 168h	LQFP 10x10 64L pitch 0.5, Ag 96.5 / 0.8 mil	77 x 1
	LU	0018695 JESD78	Tj 130°C (1)	LQFP 10x10 64L pitch 0.5, Ag 96.5 / 0.8 mil	3 x 1
	ESD HBM	ANSI/ESDA/JEDEC JS-001	Ta 25°C Min 1KV (Class 1C) Target 2KV (Class 2)	LQFP 10x10 64L pitch 0.5, Ag 96.5 / 0.8 mil	3 x 1
	ESD CDM	ANSI/ESDA/ JEDEC JS-002	Ta 25°C Min 250V (class C1) Target 500V (Class C2a)	LQFP 10x10 64L pitch 0.5, Ag 96.5 / 0.8 mil	3 x 1

(1) Current injection limitation on USB port: 30mA

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**PRODUCT/PROCESS
CHANGE NOTIFICATION
PCN13640
– Additional information**

**STM32G070x, STM32G071x
and STM32G081x 128K - product enhancement**

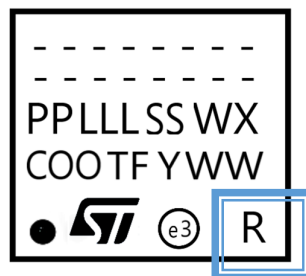
MDG – General Purpose Microcontrollers sub-group (GPM)

What are the changes?

Changes described in table below:

STM32G07x STM32G08x	Current Cut2.0	New Cut2.1
Die revision Marking R	"B"	"Y"

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 "**PCN13640**" 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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