


PRODUCT / PROCESS CHANGE INFORMATION

1. PCI basic data

1.1 Company		STMicroelectronics International N.V
1.2 PCI No.	CRP/20/12482	
1.3 Title of PCI	MBB (Material Barrier Bag) : extend print out warning message on shelf life	
1.4 Product Category	Refer to list of impacted products (MDG perimeter)	
1.5 Issue date	2020-12-17	

2. PCI Team

2.1 Contact supplier	
2.1.1 Name	NEMETH KRISZTINA
2.1.2 Phone	+49 89460062210
2.1.3 Email	krisztina.nemeth@st.com
2.2 Change responsibility	
2.2.1 Process Owner	Andrea BURRI
2.1.2 Corporate Quality Manager	Gerard PETIT

3. Change

3.1 Category	3.2 Type of change	3.3 Manufacturing Location
Materials	Any indirect material modifications for shipping products in dimensions, material, composition, orientation...	ALL BE Manufacturing location

4. Description of change

	Old	New
4.1 Description	Due to historical reasons, the MBB ST is providing for SMD (Surface Mount Device) products have printed advise message alerting on 12 months of shelf life in sealed bags.	To align with extended shelf life International trends, the print out advise message for SMD products and in any case all products packed with MBB will be changed alerting on 24 months of shelf life in sealed bags.
4.2 Anticipated Impact on form,fit, function, quality, reliability or processability?	<ul style="list-style-type: none"> - Form: No change on product - Fit: No change on product - Function: No change on product - Reliability, or Processability: NA (Not applicable). 	

5. Reason / motivation for change

5.1 Motivation	<p>The main benefits are:</p> <ul style="list-style-type: none"> - Formalization that shelf life up to 24 months can be sustained - In any case, the advice is a general indication, while the principal MBB robustness proof remains the HIC (Humidity Indicator) control. If HIC didn't change color, this just proves that bag is still in good condition and is protecting device from possible moisture penetration.
5.2 Customer Benefit	MANUFACTURING FLEXIBILITY

6. Marking of parts / traceability of change

6.1 Description	Visible on MBB Print-out label
-----------------	--------------------------------

7. Timing / schedule

7.1 Date of qualification results	2020-11-27
7.2 Intended start of delivery	2021-01-08
7.3 Qualification sample available?	Not Applicable

8. Qualification / Validation

8.1 Description			
8.2 Qualification report and qualification results	In progress	Issue Date	

9. Attachments (additional documentations)

12482 Public product.pdf
 12482 PCI_MBB_W49.1.pdf

10. Affected parts

10. 1 Current		10.2 New (if applicable)
10.1.1 Customer Part No	10.1.2 Supplier Part No	10.1.2 Supplier Part No
	STM32F030C6T6TR	
	STM32F030CCT6TR	
	STM32F030K6T6TR	
	STM32F030R8T6TR	
	STM32F030RCT6TR	
	STM32F031K6T6	
	STM32F051K8T6TR	
	STM32F051K8U6TR	
	STM32F051K8U7TR	
	STM32F051R8T6TR	
	STM32F070RBT6TR	
	STM32F071C8U6	
	STM32F071CBU6	
	STM32F072C8T6TR	
	STM32F072C8T7	
	STM32F072RBT7	
	STM32F072V8T6	
	STM32F091RCT6TR	
	STM32F100C8T6BTR	
	STM32F100R8T6BTR	
	STM32F100RBT6BTR	
	STM32F100RCT6BTR	
	STM32F100VCT6BTR	
	STM32F101CBT6TR	
	STM32F101RCT6TR	
	STM32F103C8T6TR	
	STM32F103CBT6TR	
	STM32F103R8T6TR	
	STM32F103RBT6TR	
	STM32F103RCT6TR	
	STM32F103RET6TR	
	STM32F103T8U7TR	
	STM32F103VCT6TR	
	STM32F103VET6TR	
	STM32F103ZEH6	
	STM32F103ZET6TR	
	STM32F105RCT6TR	
	STM32F105VCT6TR	
	STM32F205RET6TR	
	STM32F205VET6TR	
	STM32F205ZGT7	
	STM32F207VCT6TR	
	STM32F207VET6TR	
	STM32F207VGT6TR	

	STM32F301K6T6	
	STM32F302RCT6TR	
	STM32F303CBT6TR	
	STM32F303CCT7	
	STM32F303VET6TR	
	STM32F303ZET7	
	STM32F334K4T6	
	STM32F334K6T6	
	STM32F401RBT6TR	
	STM32F405RGT6TR	
	STM32F410CBT3	
	STM32F410CBT6	
	STM32F411CCU6TR	
	STM32F411VCT6	
	STM32F412VET6	
	STM32F412ZET6	
	STM32F413CHU6	
	STM32F413ZHT3	
	STM32F413ZHT6	
	STM32F427ZIT7	
	STM32F429VET6TR	
	STM32F439BIT6	
	STM32F439NIH6	
	STM32F469BET6	
	STM32F469BIT6	
	STM32F469VGT6	
	STM32F469ZIT6	
	STM32F479BIT6	
	STM32F746ZET6	
	STM32F765BIT6	
	STM32F765IGT6	
	STM32F765NIH6	
	STM32F767BGT6	
	STM32F767IGT6	
	STM32F767IIK6	
	STM32F767VGT6	
3365348	STM32F767ZGT6	
	STM32F777BIT6	
	STM32F777IIT6	
	STM32F777VIT6	
	STM32F777ZIT6	
	STM32F779IIT6	
	STM32G070CBT6	
	STM32G070KBT6	
	STM32G070RBT6	
	STM32G071GBU6N	
	STM32G071KBU6N	
	STM32L011K4U6	
	STM32L021K4T6	
	STM32L031C4T6	
	STM32L031C6T7	

	STM32L031G6U7	
	STM32L031K6U6	
	STM32L051C8T3	
	STM32L052K6U6	
	STM32L053R8T6TR	
	STM32L071C8T6	
	STM32L071K8U6	
	STM32L071KBT6	
	STM32L071KBU6	
	STM32L071KZT6	
	STM32L071RBT6TR	
	STM32L071V8T6	
	STM32L071VBT6	
	STM32L071VZT6	
	STM32L072CBT6	
	STM32L072CZT6	
	STM32L072KBU6	
	STM32L072KZU6	
	STM32L072VZT6	
	STM32L073RBT6	
	STM32L073RZT3	
	STM32L073V8T6	
	STM32L073VBT6	
	STM32L082KBU6	
	STM32L082KZU6	
	STM32L083RZT6	
	STM32L083VBT6	
	STM32L151RDT6TR	
2980925	STM32L422RBT6	
	STM32L431CBU6	
	STM32L431CCT6	
	STM32L431VCT6	
	STM32L443CCT6	
	STM32L443CCU6	
	STM32L443RCT6	
	STM32L443VCT6	
	STM32L451CEU6	
	STM32L471VET6	
	STM32L475RCT3	
	STM32L475RCT6	
	STM32L475VCT6	
2494461	STM32L476VET6	
2494462	STM32L476VGT6	
2494463	STM32L476ZET6	
2494464	STM32L476ZGT6	
2494467	STM32L486VGT6	
2494468	STM32L486ZGT6	
	STM32L4A6RGT6	
	STM32L4A6VGT6	
	STM32L4A6ZGT6	
	STM8AF5288TCY	

	STM8AF5289TCY	
	STM8AF6266TCX	
	STM8L052C6T6TR	
	STM8L151G6U6TR	
	STM8L151K4U6	
	STM8L152C6T6	
	STM8S005K6T6CTR	
	STM8S105K4T6CTR	
	STR750FV2T6	
	STM32F303CBT6	
	STM32F417VGT6	
2987065	ST25R3916-AQWT	
2850972	STM32F042C6U6	
2850973	STM32F072VBH7	
3018745	STM32F301K8T7	
2850974	STM32F302RDT7	
2850975	STM32F303RDT7	
3011625	STM32F334K8U6	
2850977	STM32F401VBH3	
2850978	STM32F412VEH3TR	
2850979	STM32F412VET3	
2850980	STM32F412ZEJ3	
2850981	STM32F413CGU6	
2725151	STM32F413VGH6	
2850983	STM32F413VHT6	
2850984	STM32F446VCT7	
2850985	STM32F446ZEH7	
2850986	STM32F479IIH6	
2725145	STM32F722IEK6	
2725143	STM32F722VET6	
2725152	STM32F722ZET6	
2725149	STM32F723IEK6	
2725146	STM32F723ZET6	
2980948	STM32F730I8K6	
2980932	STM32F730R8T6	
2980940	STM32F730V8T6	
2980943	STM32F730Z8T6	
2758797	STM32F732RET6	
2758799	STM32F732ZET6	
2980954	STM32F750N8H6	
2980944	STM32F750V8T6	
2980950	STM32F750Z8T6	
2484980	STM32F756IGK6	
2850988	STM32F765NGH7	
2850989	STM32F765VGH6	
2850990	STM32F765VGT7	
2850991	STM32F765VIH6	
2850992	STM32F767NIH7	
2850993	STM32F767VGH6	
2850994	STM32F767VIH6	
2850995	STM32F777VIH6	

3246908	STM32G030C6T6	
3246909	STM32G030C8T6	
3246910	STM32G030K6T6	
3246911	STM32G030K8T6	
3246912	STM32G031C6T6	
3246914	STM32G031C8T6	
3246915	STM32G031C8U6	
3246920	STM32G031G6U6	
	STM32G031G8U6	
3246924	STM32G031K8T6	
3246925	STM32G031K8U6	
2980900	STM32G071CBT6	
2980896	STM32G071CBU6	
3011626	STM32G071G8U6	
2980894	STM32G071GBU6	
2980897	STM32G071KBT6	
2980895	STM32G071KBU6	
2980912	STM32G071RBI6	
2980907	STM32G071RBT6	
2980913	STM32G081RBT6	
3132402	STM32G431CBT6	
3132403	STM32G431CBU3	
3132404	STM32G431CBU6	
3515807	STM32G431K8T6	
3132405	STM32G431KBT6	
3132406	STM32G431KBU3	
3132408	STM32G431KBU6	
3132387	STM32G431RBI6	
3132409	STM32G431RBT6	
3132411	STM32G441CBT6	
3132412	STM32G441CBU6	
3132413	STM32G441KBT6	
3132414	STM32G441KBU6	
3132415	STM32G441RBT6	
3132416	STM32G441VBT6	
3132388	STM32G473CET6	
3246926	STM32G473CEU6	
3132417	STM32G473VET6	
3132391	STM32G474CET6	
3132392	STM32G474CEU6	
3132393	STM32G474QET3	
3132394	STM32G474RBT3	
3132418	STM32G474RET6	
3132395	STM32G474VEH6	
3132421	STM32G474VET6	
3132396	STM32G483CET6	
3246927	STM32G483RET6	
3246928	STM32G483VET6	
	STM32G484CET6	
3246932	STM32G484CEU6	
3132397	STM32G484QET6	

3132422	STM32G484RET6	
	STM32G484VET6	
3576956	STM32H723VET6	
3576957	STM32H723VGT6	
3576962	STM32H723ZGT6	
3576971	STM32H725AGI6	
3576968	STM32H725IGK6	
3576958	STM32H725VGT6	
3576963	STM32H725ZGT6	
3576972	STM32H730ABI6Q	
3576969	STM32H730IBK6Q	
3576959	STM32H730VBT6	
3576964	STM32H730ZBT6	
3576960	STM32H733VGT6	
3576965	STM32H733ZGT6	
3576970	STM32H735IGK6	
3576961	STM32H735VGT6	
3576967	STM32H735ZGT6	
2820774	STM32H743IHK6	
2820776	STM32H743VIT6	
2820777	STM32H743XIH6	
2820778	STM32H743ZIT6	
3246934	STM32H743ZIT6U	
3246935	STM32H745ZIT6	
	STM32H745ZIT6U	
2980956	STM32H750IBK6	
2980947	STM32H750VBT6	
2980957	STM32H750XBH6	
2850997	STM32H753BIT6	
2850999	STM32H753IIT6	
2851002	STM32H753ZIT6	
3515804	STM32H757IIT6	
3515805	STM32H757XIH6	
3381460	STM32H7A3LIH6Q	
3515803	STM32H7A3VIT6	
2980880	STM32L010C6T6	
2980877	STM32L010K4T6	
2980882	STM32L010K8T6	
2980883	STM32L010R8T6	
2980892	STM32L010RBT6	
2851006	STM32L011G4U6	
2851008	STM32L031C6U3	
2851009	STM32L031C6U6	
2980898	STM32L051C8U6	
2980906	STM32L052C8U6	
3011627	STM32L063C8U6	
3364891	STM32L071CZU6	
3364892	STM32L072CZU6	
2851014	STM32L072KBU3	
2518151	STM32L072RBT6	
3364893	STM32L073CZU6	

2851015	STM32L081CBT6	
2851016	STM32L082KZT6	
2851017	STM32L151CCT7	
2851018	STM32L151VET6D	
3011629	STM32L412C8T6	
3011631	STM32L412C8U6	
2980924	STM32L412CBT6	
2980921	STM32L412CBU6	
3011632	STM32L412K8T6	
3011633	STM32L412K8U6	
2980922	STM32L412KBT6	
2980918	STM32L412KBU6	
3011634	STM32L412R8I6	
3011635	STM32L412R8T6	
2980933	STM32L412RBI6	
2980930	STM32L412RBT6	
2980928	STM32L422CBT6	
2980926	STM32L422CBU6	
2980927	STM32L422KBT6	
2980923	STM32L422KBU6	
2980939	STM32L422RBI6	
2855684	STM32L431CBT6	
2855686	STM32L431KCU6	
2855687	STM32L431RBI3	
2855688	STM32L431RBI6	
2851020	STM32L431RBT6	
2855690	STM32L431RCT6	
2758804	STM32L432KCU3	
2855692	STM32L433CBT6	
2855693	STM32L433CBU6	
2758805	STM32L433CCT3	
2855694	STM32L433CCU3	
2855696	STM32L433RBI6	
2855697	STM32L433RBT6	
2855699	STM32L433RCI3	
2855700	STM32L433RCT3	
2855701	STM32L433RCT6P	
2855703	STM32L433VCI3	
2855704	STM32L433VCT3	
2855706	STM32L443RCI3	
2851022	STM32L451CCU3	
2855708	STM32L451CCU6	
2855709	STM32L451RCI6	
2855710	STM32L451RCT6	
2855711	STM32L451REI6	
2855712	STM32L451RET6	
2855714	STM32L451VCI6	
2855715	STM32L451VCT6	
2855716	STM32L451VEI6	
2855717	STM32L451VET6	
2855718	STM32L452CCU6	

2758806	STM32L452CEU3	
2758807	STM32L452CEU6	
2855719	STM32L452RCI6	
2855720	STM32L452RCT6	
2855721	STM32L452REI3	
2758809	STM32L452RET3	
2855722	STM32L452RET6P	
2855724	STM32L452VCI6	
2855725	STM32L452VCT6	
2758814	STM32L452VET6	
2758815	STM32L462CEU6	
2758817	STM32L462RET6	
2758818	STM32L462VEI6	
2758819	STM32L462VET6	
2855727	STM32L471QEI6	
2851023	STM32L471QEI7	
2851024	STM32L471RET6	
2851025	STM32L471VGT3	
2855728	STM32L475VET6	
2851026	STM32L475VGT6	
2855731	STM32L476QGI3	
2851027	STM32L476RGT3	
2855732	STM32L476VGT3	
2855733	STM32L476ZGT3	
2758820	STM32L486RGT7	
2851028	STM32L486ZGT3	
2725142	STM32L496AGI6	
2855734	STM32L496AGI6P	
2758824	STM32L496QGI3	
2725140	STM32L496QGI6	
2855735	STM32L496QGI6P	
2758825	STM32L496RET6	
2758826	STM32L496RGT3	
2758828	STM32L496VGT3	
2758830	STM32L496ZGT3	
2725141	STM32L496ZGT6	
2855736	STM32L496ZGT6P	
2851030	STM32L4A6AGI6	
2851031	STM32L4A6AGI6P	
2855737	STM32L4A6QGI6P	
2758831	STM32L4A6RGT7	
3011636	STM32L4A6VGT6P	
2851032	STM32L4A6ZGT6P	
3397852	STM32L4P5AGI6	
3397847	STM32L4P5AGI6P	
3581063	STM32L4P5CET6	
3581064	STM32L4P5CEU6	
3581065	STM32L4P5CGT6	
3581066	STM32L4P5CGT6P	
3581067	STM32L4P5CGU6	
3581069	STM32L4P5VET6	

3397848	STM32L4P5VGT6	
3397850	STM32L4P5VGT6P	
3397851	STM32L4P5ZGT6P	
3397854	STM32L4Q5AGI6	
3581070	STM32L4Q5CGT6	
3581071	STM32L4Q5CGT6P	
3581072	STM32L4Q5CGU6	
3581073	STM32L4Q5CGU6P	
3397849	STM32L4Q5VGT6	
3581074	STM32L4Q5VGT6P	
2851033	STM32L4R5AGI6	
2851034	STM32L4R5AII6	
2851035	STM32L4R5QGI6	
2851037	STM32L4R5VGT6	
2851038	STM32L4R5VIT6	
2851039	STM32L4R5ZGT6	
2820771	STM32L4R5ZIT6	
2851040	STM32L4R5ZIT6P	
2851041	STM32L4R7AII6	
2851042	STM32L4R7VIT6	
2851043	STM32L4R7ZIT6	
2851044	STM32L4R9AGI6	
2820772	STM32L4R9AII6	
2851045	STM32L4R9VGT6	
2851046	STM32L4R9VIT6	
2851047	STM32L4R9ZGJ6	
2851048	STM32L4R9ZGT6	
2851049	STM32L4R9ZIJ6	
2820773	STM32L4R9ZIT6	
2851051	STM32L4S5AII6	
2851052	STM32L4S5QII6	
2851053	STM32L4S5VIT6	
2851054	STM32L4S5ZIT6	
2851055	STM32L4S7AII6	
2851056	STM32L4S7VIT6	
2851057	STM32L4S7ZIT6	
2851058	STM32L4S9AII6	
2851059	STM32L4S9VIT6	
2851060	STM32L4S9ZIJ6	
2851061	STM32L4S9ZIT6	
3515797	STM32L552RCT6	
3515798	STM32L562VET6	
3515799	STM32L562VET6Q	
3515800	STM32L562ZET6	
3515802	STM32L562ZET6Q	
3051898	STM32MP151AAA3	
3051899	STM32MP151AAB3	
3051901	STM32MP151AAC3	
3051902	STM32MP151AAD3	
3262499	STM32MP151CAA3	
3262500	STM32MP151CAB3	

3262501	STM32MP151CAC3	
3381472	STM32MP151DAB1	
3381467	STM32MP151DAC1	
3381463	STM32MP151DAD1	
3515811	STM32MP151FAD1	
3051903	STM32MP153AAA3	
3051904	STM32MP153AAB3	
3051905	STM32MP153AAC3	
3051906	STM32MP153AAD3	
3262504	STM32MP153CAB3	
3262505	STM32MP153CAC3	
3381473	STM32MP153DAB1	
3381464	STM32MP153DAD1	
3515812	STM32MP153FAB1	
3018578	STM32MP157AAA3	
3018579	STM32MP157AAB3	
3018580	STM32MP157AAC3	
3018582	STM32MP157AAD3	
3262507	STM32MP157CAA3	
3262511	STM32MP157CAC3	
3381474	STM32MP157DAB1	
3381469	STM32MP157DAC1	
3381465	STM32MP157DAD1	
3515814	STM32MP157FAA1	
3381475	STM32MP157FAB1	
3381471	STM32MP157FAC1	
3381466	STM32MP157FAD1	
3547798	STM32WB30CEU5A	
3547794	STM32WB35CCU6A	
3547797	STM32WB35CCU7A	
3547793	STM32WB35CEU6A	
3547795	STM32WB35CEU7A	
3294310	STM32WB50CGU5	
3051892	STM32WB55CCU6	
3011637	STM32WB55CEU6	
3051893	STM32WB55CGU6	
3051895	STM32WB55RCV6	
3051896	STM32WB55REV6	
3051897	STM32WB55RGV6	
3515808	STM32WLE5J8I6	
3515809	STM32WLE5JBI6	
3515810	STM32WLE5JCI6	
2851064	STM8AF6246ITCY	
3011623	STM8AF6286TCY	
3018744	STM8AF6286UDY	
2725154	STM8AF62A6UCY	
2851065	STM8AF6388TCY	
2725156	STM8AL3136TAY	
3011624	STM8AL3136UCY	
2725161	STM8AL3168TAY	
2725162	STM8S105K6U3A	

2980899	STM8SPLNB1M6	
	STM32MP151CAD3	
	STM32MP153CAA3	
	STM32MP153CAD3	
3262508	STM32MP157CAB3	
3262512	STM32MP157CAD3	
3589230	STM32WL55CCU6	
3589234	STM32WL55CCU7	
3589231	STM32WL55JCI6	
3589232	STM32WLE4JCI6	
3589233	STM32WLE5CCU6	

IMPORTANT NOTICE – PLEASE READ CAREFULLY

Subject to any contractual arrangement in force with you or to any industry standard implemented by us, STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2018 STMicroelectronics – All rights reserved