

Document Receipt Acknowledgement
Date:
Section:
Name:



Document Number: D07805-A-K1561
 PD Ref.: HEMCG2-2759
 Date: July, 31, 2024

Attention:

TTI ELECTRONICS ASIA PTE LTD

4M Change Notice

Chip Multilayer Ceramic Capacitors (MLCC)

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata.
 This is the official notification that some of our products' 4M Change will be proceeded as detailed below.
 Please review this, and approve in writing by Approval Due Date.
 Your understanding and support are highly appreciated.

1. Product Type, Changes, and Customer/Murata/Alternative Part Numbers:

Product Type: GCM21BR71H105_	GCM21BR7YA105_
GCM31CC71E106_	GCM31CR71E106_
GCM32ER71E106_	GCJ32ER71E106_
GCJ32EC71H106_	GCJ32EC7YJ106_
GCJ32EZ71H106_	GCJ32EL81E106_

Changes: Man Machine Material Method

Before Change	After Change
Izumo Murata Mfg. Co.,Ltd.	Izumo Murata Mfg. Co., Ltd. Philippines Manufacturing Co. of Murata, Inc

Please refer to the attached documents for detailed Part Numbers' information.

2. Reasons/Background:

In order to restructure the supply system due to increase MLCC demand, we are expanding the production capacity of each factory and reorganizing production items at each factory.

3. Products Before and After the Change:

There are no changes of the products' design, quality, guaranteed specifications, and others, as Murata continuously uses the same production process and quality control system.

4. Approval Due:

September, 30, 2025

Please review this, and reply to Sales for this Notice in writing by Due Date.

5. Change Schedule:

Shipment of new production items from new factory after receiving customer approval.

6. Contact Window:

Should you have any questions or concerns, please contact Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Fukui Murata MFG. Co., Ltd.
 Product Engineering Department Ceramic Capacitor Business Unit
 Senior Manager Takahiro Tsukamoto



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Confirmation Letter

TTI ELECTRONICS ASIA PTE LTD

Fukui Murata MFG. Co., Ltd.

4M Change Confirmation

4M Change detailed below is Subject to Further Discussion. Accepted.

Product Type: GCM21BR71H105_	GCM21BR7YA105_
GCM31CC71E106_	GCM31CR71E106_
GCM32ER71E106_	GCJ32ER71E106_
GCJ32EC71H106_	GCJ32EC7YJ106_
GCJ32EZ71H106_	GCJ32EL81E106_

Changes: Man Machine Material Method

Before Change	After Change
Izumo Murata Mfg. Co.,Ltd.	Izumo Murata Mfg. Co., Ltd. Philippines Manufacturing Co. of Murata, Inc

Comments, Questions, etc.

Signature

Date: (MM, DD, YYYY)

Title:

Name:

Sales History

Account Number	Customer Name	Customer Part Number	Murata Part Number	Alternative Part Number	Sales Quantity (Unit: pieces)						Memo
					2019FY	2020FY	2021FY	2022FY	2023FY	2024FY till Jun.	
K1782	TTI ELECTRONICS ASIA PTE LTD	GCM21BR71H105KA03L	GCM21BR71H105KA03L	-	0	0	0	0	0	0	
K1782	TTI ELECTRONICS ASIA PTE LTD	GCM21BR7YA105KA55L	GCM21BR7YA105KA55L	-	0	0	0	0	0	0	
K1782	TTI ELECTRONICS ASIA PTE LTD	GCM31CC71E106KA03L	GCM31CC71E106KA03L	-	0	0	0	0	0	0	
K1782	TTI ELECTRONICS ASIA PTE LTD	GCM32ER71E106KA57L	GCM32ER71E106KA57L	-	0	0	0	0	0	0	
K1782	TTI ELECTRONICS ASIA PTE LTD	GCM32ER71E106MA57L	GCM32ER71E106MA57L	-	0	0	0	0	0	0	



Part Number List

Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number)

Regardless of the list below, all part numbers shall be the target as far as they are categorized into the Product Type indicated in the Document.

Customer Part Number	Murata Part Number	Alternative Part Number	Sales Quantity (Unit: pieces)					Memo
			2019FY	2020FY	2021FY	2022FY	2023FY	
GCM21BR71H105KA03L	GCM21BR71H105KA03L	-	42,000	24,000	1,317,000	1,995,000	0	0
GCM21BR7YA105KA55L	GCM21BR7YA105KA55L	-	15,000	90,000	234,000	762,000	0	0
GCM31CC71E106KA03L	GCM31CC71E106KA03L	-	0	0	0	0	0	0
GCM32ER71E106KA57L	GCM32ER71E106KA57L	-	208,000	8,000	68,000	11,000	0	0
GCM32ER71E106MA57L	GCM32ER71E106MA57L	-	0	0	0	0	0	0

GCM21BR71H105KA03L
GCM21BR7YA105KA55L
GCM31CC71E106KA03L
GCM32ER71E106KA57L
GCM32ER71E106MA57L

Multiple Records

seq	Mfg	TTI Part Number	Whse	Sales Cost
2	MUR	H0116702	HC	99999.99999
3				
4				

Multi-Part & Multi-WH Records

5		GCM32ER71E106KA57L		
5	MUR	H0038504	HC	99999.99999
5	MUR	9010869	HC	99999.99999
5	MUR	9010869	K8	99999.99999
6				

Avg Cost	Mfg	LT	Avg	LT	Mult	SPQ	MC	TTI	NCNR	NO	CUST	NO	SLS	Info	Sales Notes
0.01304		30		30	3000	3000	L	N				0		0	X7R AUTOMOTIVE
0.05694		15		15	1000	1000	L	N				0		0	X7R AUTOMOTIVE
0.058		18		15	1000	1000	E	N				1		1	X7R AUTOMOTIVE
0.05857		18		15	1000	1000	E	N				1		111	X7R AUTOMOTIVE

Class	On Hand	On Order	ATS	MBR	B	Buy Qty	Buy Cost	Pkg Type
230	0	0	0	0		0	0	SMTR
234	0	0	0	0		0	0	SMTR
234	0	0	0	0		0	0	SMTR
234	0	0	0	0	B1	1000	0.0611	SMTR

Product Description			Alternate Mfg	Alternate Part Number	Mfg Part Number
1.0UF	50V	10%	08C MUR	GCM21BR71H105KA03L	GCM21BR71H105KA03L
10UF	25V	10%	121MUR	GCM32ER71E106KA57L	GCM32ER71E106KA57L
10UF	25V	10%	121MUR	GCM32ER71E106KA57L	GCM32ER71E106KA57L
10UF	25V	10%	121MUR	GCM32ER71E106KA57L	GCM32ER71E106KA57L

Buy Mult Qty LEAD FREEROHS

3000 Y Y

1000 Y Y

1000 Y Y

1000 Y Y

Multiple Records	seq	Mfg	TTI Part Number	Whse	Sales Cost	Avg Cost	Mfg LT
Multi-WH Records	2		GCM21BR71H105KA03L				
	2	MUR	GCM21BR71H105KA03LAS		0.01706	0.01004	16
	2	MUR	GCM21BR71H105KA03L 51		99999.99999	0.00974	51
	2	MUR	GCM21BR71H105KA03L 50		99999.99999	0.00974	16
	3	MUR	GCM21BR7YA105KA55LAS		0.01706	0.018	16
Multi-WH Records	4		GCM31CC71E106KA03L				
	4	MUR	GCM31CC71E106KA03LAS		0.0546	0.0385	16
	4	MUR	GCM31CC71E106KA03L 50		99999.99999	0.03561	22
Multi-WH Records	5		GCM32ER71E106KA57L				
	5	MUR	GCM32ER71E106KA57L HC		99999.99999	0.05587	20
	5	MUR	GCM32ER71E106KA57LAS		0.0558	0.0558	16
	5	MUR	GCM32ER71E106KA57L 50		99999.99999	0.05587	20
	6						

Avg	LT	Mult	SPQ	MC	TTI	NCNR	NO	CUST	NO	SLS	Info	Sales	Notes	Class	On	Hand
16	3000	3000	D	N				2	21	X7R	AUTOMOTIVE	230			21000	
51	3000	3000	E	N				1	8	X7R	AUTOMOTIVE	230			6000	
16	3000	3000	B	N				8	99	X7R	AUTOMOTIVE	230			4341000	
16	3000	3000	L	N				0	0	X7R	AUTOMOTIVE	230			0	
16	2000	2000	D	N				2	17	X7S	AUTOMOTIVE	232			686000	
11	2000	2000	D	N				2	5	X7S	AUTOMOTIVE	232			300000	
20	1000	1000	N	N				0	0	X7R	AUTOMOTIVE	234			0	
16	1000	1000	D	N				3	31	X7R	AUTOMOTIVE	234			10000	
20	1000	1000	E	N				1	8	X7R	AUTOMOTIVE	234			73000	

On Order	ATS	MBR	B	Buy Qty	Buy Cost	Pkg Type	Product Description			
9000	0	18000	B1	3000	0.01706	SMTR	1.0UF	50V	10%	08C
0	0	0		0	0	SMTR	1.0UF	50V	10%	08C
4002000	1581000	0		0	0	SMTR	1.0UF	50V	10%	08C
0	0	0	B1	3000	0.01706	SMTR	1.0UF	35V	10%	08C
0	106000	0	B1	2000	0.0546	SMTR	10UF	25V	10%	120
0	300000	0		0	0	SMTR	10UF	25V	10%	120
0	0	0		0	0	SMTR	10UF	25V	10%	121
131000	0	0	B1	1000	0.0558	SMTR	10UF	25V	10%	121
103000	0	0		0	0	SMTR	10UF	25V	10%	121

Alternate Mfg Alternate Part Number Mfg Part Number Buy Mult Qty LEAD FREE ROHS

3000	Y	Y
0	Y	Y
3000	Y	Y
3000	Y	Y
2000	Y	Y
2000	Y	Y
1000	Y	Y
1000	Y	Y
1000	Y	Y