

Product Change Notice

Original Issue Date: 20-APR-2018
Revision 1 Issue Date : 30-MAY-2018

Change Type:



Mechanical Specification – Packing material

Parts Affected:

Refer to full product part number list in Appendix

Description and Extent of Change:

Broadcom is adding an alternate source of moisture barrier bag (MBB) material. The specification of this alternate source MBB as illustrated in table below.

MBB Configuration	Plan Of Record (POR)	Alternate
		
Size(Inch)	16" x 18" 9"X 12"	16" x 18" 9"X 12"
Thickness	6 mil	6 mil
Layer	3	4
Layer Detail	Static Dissipative Coating Polypropylene Aluminium Polyester Static Dissipative Coating	Static Dissipative Coating Polyester Polyethylene Aluminium Polyester Static Dissipative Coating
Tensile Strength	MD = 5800 psi TD = 6020 psi	MD = 7000 psi TD = 7000 psi
Heat Seal Strength	18 lbs	18 lbs
Puncture Resistance	22 lbs	23 lbs
Surface Resistivity	Outer layer < 1.0 x 10 ¹² Ohm/sq Inner layer < 1.0 x 10 ¹² Ohm/sq	Outer layer < 1.0 x 10 ¹¹ Ohm/sq Inner layer < 1.0 x 10 ¹¹ Ohm/sq
Static Decay	< 0.5 s	< 0.02 s
Capacity Probe	< 25 volts	< 10 volts
MVTR(AS1M F1249)	<0.0003 gm/100in ² /day	<0.0005 gm/100in ² /day

Reason for Change:

This change will allow better supply chain flexibility.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

The mechanical specification change involves mainly the addition of material inner layer, tensile and heat seal strength, surface resistivity.

Effective Date of Change:

Products using these changes will begin in July 2018. Timing of shipment of the changed part will depend on customer demand and inventory levels.

Qualification Data:

See table below.

Test	Sample Size (number of reels)	Result
Rough handling	10	Pass. No puncture observed.
Drop Test	10	Pass.
Aging Test	10	Pass. No leaking observed after 6 months of aging test.
ESD Test	3	Passed 100V spec and within static dissipative range of the material.

Appendix:

Affected part list.

ACFD-R003	ACPF-9002-BLK	ACPM-9041-BLK	ALM-GA002-TR1G
ACFD-R003-TR3	ACPF-9002-HP1	ACPM-9041-SG1	AMGP-6432-TR1G
ACFD-T003	ACPF-9002-TR2	ACPM-9041-TR2	AMGP-6432-TR2G
ACFD-T003-TR3	ACPM-2302-TR1	ACPM-920413-BLK	AMGP-6434-BLKG
ACFM-2013-BLK	ACPM-5001-BLK	ACPM-920413-TR1	AMGP-6434-TR2G
ACFM-2013-SG1	ACPM-5001-TR1	ACPM-920502-BLK	AMMP-5024-BLKG
ACFM-2013-SN1	ACPM-5002-BLK	ACPM-920502-BR1	AMMP-5024-TR1G
ACFM-2013-T34	ACPM-5002-TR1	ACPM-920720-TR1	AMMP-5024-TR2G
ACFM-2013-TR1	ACPM-5004-BLK	ACPM-9307-BLK	AMMP-5618-BLK
ACFM-2021-BLK	ACPM-5004-SG1	ACPM-9307-SG1	AMMP-5618-TR1
ACFM-2021-TR1	ACPM-5004-TR1	ACPM-9307-TR1	AMMP-5618-TR2
ACFM-2043-BLK	ACPM-5005-BLK	ACPM-9311-BLK	AMMP-5620-BLKG
ACFM-2113-BLK	ACPM-5005-TR1	ACPM-9311-SG1	AMMP-5620-TR1G
ACFM-2113-HW1	ACPM-5007-BLK	ACPM-9311-TR1	AMMP-5620-TR2G
ACFM-2113-SG1	ACPM-5007-LG1	ACPM-9341-TR1	AMMP-6120-BLK
ACFM-2113-TR1	ACPM-5007-SG1	ACPM-9374140-BLK	AMMP-6120-TR1
ACFM-2149-BLK	ACPM-5007-TR1	ACPM-9411-BLK	AMMP-6120-TR2
ACFM-2149-TR1	ACPM-5008-BLK	ACPM-9411-SG1	AMMP-6125-BLKG
ACFM-7024-BLK	ACPM-5008-TR1	ACPM-9411-TR1	AMMP-6125-TR1G
ACFM-7024-SG1	ACPM-5013-BLK	ACPM-9641-SG1	AMMP-6125-TR2G
ACFM-7024-TR1	ACPM-5013-QR1	ACPM-9641-TR1	AMMP-6130-BLKG
ACFM-7037-BLK	ACPM-5013-SG1	ACPM-967341-SG1	AMMP-6130-TR1G
ACFM-7037-TR1	ACPM-5013-TR1	ACPM-967341-TR1	AMMP-6130-TR2G
ACFM-7045-BLK	ACPM-5017-BLK	ACPM-9728-SG1	AMMP-6220-BLK

ACFM-7045-LT1	ACPM-5017-LG1	AFEM-7007-BLK	AMMP-6220-TR1
ACFM-7045-SG1	ACPM-5017-SG1	AFEM-7007-SG1	AMMP-6220-TR2
ACFM-7045-TR1	ACPM-5017-TR1	AFEM-7007-TR1	AMMP-6222-BLKG
ACFM-7310-BLK	ACPM-5038-BLK	AFEM-7613-BLK	AMMP-6222-TR1G
ACFM-7310-SG1	ACPM-5038-QR1	AFEM-7792-BLK	AMMP-6222-TR2G
ACFM-7310-TR1	ACPM-5038-SG1	AFEM-7813-BLK	AMMP-6232-BLKG
ACFM-7526-BLK	ACPM-5038-TR1	AFEM-7814-BLK	AMMP-6232-TR1G
ACFM-7526-SG1	ACPM-5052-BLK	AFEM-790720-BLK	AMMP-6232-TR2G
ACFM-7526-TR1	ACPM-5052-LT1	AFEM-792503-BLK	AMMP-6233-BLKG
ACMD-4602-BLK	ACPM-5052-TR1	AFEM-9010-SG1	AMMP-6233-TR1G
ACMD-4602-TR1	ACPM-5201-BLK	AFEM-9010-TR1	AMMP-6233-TR2G
ACMD-6013-BLK	ACPM-5201-LR1	AFEM-9020-SG1	AMMP-6331-BLKG
ACMD-6013-SG1	ACPM-5201-SG2	AFEM-9025-SG1	AMMP-6331-TR1G
ACMD-6013-TR1	ACPM-5202-BLK	AFEM-9025-TR1	AMMP-6331-TR2G
ACMD-6102-BLK	ACPM-5202-SG2	AFEM-9030-SG1	AMMP-6333-BLKG
ACMD-6102-SG1	ACPM-5613-BLK	AFEM-9030-TR1	AMMP-6333-TR1G
ACMD-6102-TR1	ACPM-5701-BLK	AFEM-9036-TR1	AMMP-6333-TR2G
ACMD-6103-BLK	ACPM-5701-TR1	AFEM-9040-SG1	AMMP-6408-BLKG
ACMD-6103-SG1	ACPM-5704-TR1	AFEM-9040-TR1	AMMP-6408-TR1G
ACMD-6103-TR1	ACPM-5705-BLK	AFEM-9046-TR1	AMMP-6408-TR2G
ACMD-6125-BLK	ACPM-5705-SG1	AFEM-9046-TR2	AMMP-6425-BLKG
ACMD-6125-KC1	ACPM-5705-TR1	AFEM-9050-SG1	AMMP-6425-TR1G
ACMD-6125-QC1	ACPM-5802-TR1	AFEM-9053-SG1	AMMP-6425-TR2G
ACMD-6125-SG1	ACPM-5805-TR2	AFEM-9060-SG1	AMMP-6429-BLKG
ACMD-6125-TR1	ACPM-5904-BLK	AFEM-9066-SG1	AMMP-6429-TR1G
ACMD-6207-BB1	ACPM-5913-BLK	AFEM-9070-TR1	AMMP-6429-TR2G
ACMD-6207-SG1	ACPM-5917-BLK	AFEM-9073-TR1	AMMP-6430-BLKG
ACMD-6207-TR1	ACPM-7181-BLK	AFEM-9080-TR1	AMMP-6430-TR1G
ACMD-6225-BLK	ACPM-7620-BLK	AFEM-9086-TR1	AMMP-6430-TR2G
ACMD-6225-TR1	ACPM-7777-BLK	AFEM-9090-SG1	AMMP-6442-BLKG
ACMD-6307-BLK	ACPM-7777-TR1	AFEM-9096-SG1	AMMP-6442-DGW1
ACMD-6307-SG1	ACPM-7788-SG1	ALM-2203-BLKG	AMMP-6442-REM1
ACMD-6307-TR1	ACPM-7788-TR1	ALM-2203-TR1G	AMMP-6442-TR1G
ACMD-6407-BLK	ACPM-7800-BLK	QCMD-6003-WS1	AMMP-6442-TR2G
ACMD-6407-HW1	ACPM-7800-SG1	QCMD-6003-WSB	AMMP-6522-BLKG
ACMD-6407-TR1	ACPM-7800-TR1	QCMD-6L7T-BLK	AMMP-6522-TR1G
ACMD-7404-BLK	ACPM-7810-TR1	QCMD-6L7T-TR1	AMMP-6522-TR2G
ACMD-7404-TR1	ACPM-7868-BLK	ACFF-1024-BLK	AMMP-6530-BLK
ACMD-7408-TR1	ACPM-7868-TR1	ACFF-1024-TR1	AMMP-6530-TR1
ACMD-7411-AT1	ACPM-7900-BLK	ACFF-5002-TR1	AMMP-6530-TR2
ACMD-7411-BLK	ACPM-7915-TR1	ALM-11036-BLKG	AMMP-6545-BLKG
ACMD-7411-SG1	ACPM-8817-TR1	ALM-11036-TR1G	AMMP-6545-TR1G
ACMD-7411-TR1	ACPM-9001-BLK	ALM-11136-BLKG	AMMP-6545-TR2G

ACMD-9001-TR1	ACPM-9001-LT1	ALM-11136-TR1G	AMMP-6546-TR1G
ACPF-7124-BLK	ACPM-9001-SG1	ALM-11236-BLKG	AMMP-6650-BLKG
ACPF-7124-SG1	ACPM-9001-TR1	ALM-11236-TR1G	MGA-16116-FJT1
ACPF-7124-TR1	ACPM-9002-BLK	ALM-11336-BLKG	MGA-16216-FJT1
ACPF-7141-BLK	ACPM-9002-LT1	ALM-11336-TR1G	MGA-31816-FJ1
ACPF-7141-SG1	ACPM-9002-SG1	ALM-2812-BLKG	MGA-43003-BLKG
ACPF-7141-TR1	ACPM-9002-TR1	ALM-2812-TR1G	MGA-43003-TR1G
ACPF-7241-BLK	ACPM-9004-BLK	ALM-31122-BLKG	MGA-43013-BLKG
ACPF-7241-TR1	ACPM-9004-SG1	ALM-31122-TR1G	MGA-43013-TR1G
ACPF-7324-BLK	ACPM-9004-TR1	ALM-31122-TR2G	MGA-43024-BLKG
ACPF-7324-SG1	ACPM-9005-BLK	ALM-31222-BLKG	MGA-43024-TR1G
ACPF-7324-TR1	ACPM-9005-LT1	ALM-31222-TR1G	MGA-43040-BLKG
ACPF-7324-TR2	ACPM-9005-SG1	ALM-31222-TR2G	MGA-43040-TR1G
ACPF-7341-BLK	ACPM-9005-TR1	ALM-31322-BLKG	MGA-43228-BLKG
ACPF-7341-SG1	ACPM-9007-BLK	ALM-31322-TR1G	MGA-43428-BLKG
ACPF-7341-TR1	ACPM-9007-SG2	ALM-31322-TR2G	MGA-43428-TR1G
ACPF-7424-BLK	ACPM-9007-TR2	ALM-32120-BLKG	MGA-43528-BLKG
ACPF-7424-SG1	ACPM-9008-BLK	ALM-32120-TR1G	MGA-43528-TR1G
ACPF-7424-TR1	ACPM-9008-LT1	ALM-32120-TR2G	MGA-43628-BLKG
ACPF-7624-BLK	ACPM-9008-SG1	ALM-32220-BLKG	MGA-43628-TR1G
ACPF-7624-TR1	ACPM-9008-TR1	ALM-32220-TR1G	MGA-43728-BLKG
ACPF-7624-TR2	ACPM-9013-BLK	ALM-32220-TR2G	MGA-43728-TR1G
ACPF-7724-BLK	ACPM-9013-SG1	ALM-32320-BLKG	MGA-43828-BLKG
ACPF-7724-TR1	ACPM-9013-TR1	ALM-32320-TR1G	MGA-43828-TR1G
ACPF-7901-TR1	ACPM-9017-BLK	ALM-32320-TR2G	QMGA-43039-TR1G
ACPF-8025-SG1	ACPM-9017-SG1	ALM-38140-BLKG	QMGA-43528-ALU
ACPF-8041-BLK	ACPM-9017-TR1	ALM-38140-HW1	QMGA-43628-TR1G
ACPF-8041-TR1	ACPM-9020-BLK	ALM-38140-TR1G	QMGP-6434-TR1G
ACPF-8240-BLK	ACPM-9020-SG1	ALM-80110-BLKG	QMMP-6333-TR1G
ACPF-8240-TR1	ACPM-9020-TR1	ALM-80110-TR1G	QMMP-6430-BLKG
ACPF-9001-BLK	ACPM-9040-BLK	ALM-80210-BLKG	QMMP-6430-TR1G
ACPF-9001-TR1	ACPM-9040-SG1	ALM-80210-TR1G	QMMP-6430-TR2G
ACPF-9001-TR2	ACPM-9040-TR2	ALM-GA002-BLKG	

The changes to these Broadcom parts have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification A-5962-6052-80.

Please contact your Broadcom Limited field sales engineer or Contact Center (<http://www.broadcom.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.