

Product Change Notice

Issue Date: 25-April-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(ASTM 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 on 24th 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.

439509922001	ALM-31322-BLKG	HSMP-3814-TR2G	HSMS-2862-TR2G
439562440001	ALM-31322-TR1G	HSMP-3815-BLKG	HSMS-2863-BLKG
439563934001	ALM-31322-TR2G	HSMP-3815-TR1G	HSMS-2863-TR1G
1GC1-4205	ALM-32120-BLKG	HSMP-3816-BLKG	HSMS-2863-TR2G
1GC1-4206	ALM-32120-TR1G	HSMP-3816-TR1G	HSMS-2864-BLKG
1GC1-4225	ALM-32120-TR2G	HSMP-3816-TR2G	HSMS-2864-TR1G
1QK1-1501	ALM-32220-BLKG	HSMP-381B-BLKG	HSMS-2864-TR2G
2BD6-1599	ALM-32220-TR1G	HSMP-381B-TR1G	HSMS-2865-BLKG
2DT6-1502	ALM-32220-TR2G	HSMP-381B-TR2G	HSMS-2865-TR1G
5082-0012	ALM-32320-BLKG	HSMP-381C-BLKG	HSMS-2865-TR2G
ABA-51563-BLKG	ALM-32320-TR1G	HSMP-381C-TR1G	HSMS-286B-BLKG
ABA-51563-TR1G	ALM-32320-TR2G	HSMP-381C-TR2G	HSMS-286B-TR1G
ABA-51563-TR2G	ALM-38140-BLKG	HSMP-381E-BLKG	HSMS-286B-TR2G
ABA-52563-BLKG	ALM-38140-HW1	HSMP-381E-TR1G	HSMS-286C-BLKG
ABA-52563-HF1	ALM-38140-TR1G	HSMP-381E-TR2G	HSMS-286C-TR1G
ABA-52563-TR1G	ALM-80110-BLKG	HSMP-381F-BLKG	HSMS-286C-TR2G
ABA-52563-TR2G	ALM-80110-TR1G	HSMP-381F-TR1G	HSMS-286E-BLKG
ABA-53563-BLKG	ALM-80210-BLKG	HSMP-381F-TR2G	HSMS-286E-TR1G
ABA-53563-TR1G	ALM-80210-TR1G	HSMP-381L-BLKG	HSMS-286E-TR2G
ABA-53563-TR2G	ALM-GA001-BLKG	HSMP-381L-TR1G	HSMS-286F-BLKG
ABA-54563-BLKG	ALM-GA001-TR1G	HSMP-381L-TR2G	HSMS-286F-TR1G
ABA-54563-TR1G	ALM-GA002-BLKG	HSMP-3820-BLKG	HSMS-286F-TR2G
ABA-54563-TR2G	ALM-GA002-TR1G	HSMP-3820-TR1G	HSMS-286K-BLKG
ACFD-R003	AMGP-6432-TR1G	HSMP-3820-TR2G	HSMS-286K-TR1G

ACFD-R003-TR3	AMGP-6432-TR2G	HSMP-3822-BLKG	HSMS-286K-TR2G
ACFD-T003	AMGP-6434-BLKG	HSMP-3822-TR1G	HSMS-286L-BLKG
ACFD-T003-TR3	AMGP-6434-TR2G	HSMP-3822-TR2G	HSMS-286L-TR1G
ACFF-1024-BLK	AMMC-2008-W10	HSMP-3823-BLKG	HSMS-286L-TR2G
ACFF-1024-TR1	AMMC-2008-W50	HSMP-3823-TR1G	HSMS-286P-BLKG
ACFF-5002-TR1	AMMC-3040-W10	HSMP-3823-TR2G	HSMS-286P-TR1G
ACFM-2013-BLK	AMMC-3040-W50	HSMP-3824-BLKG	HSMS-286P-TR2G
ACFM-2013-SG1	AMMC-3041-W10	HSMP-3824-TR1G	HSMS-286R-BLKG
ACFM-2013-SN1	AMMC-3041-W50	HSMP-3824-TR2G	HSMS-286R-TR1G
ACFM-2013-T34	AMMC-5023-W10	HSMP-3830-BLKG	HSMS-286R-TR2G
ACFM-2013-TR1	AMMC-5023-W50	HSMP-3830-TR1G	HSMS-8101-BLKG
ACFM-2021-BLK	AMMC-5024-W10	HSMP-3830-TR2G	HSMS-8101-TR1G
ACFM-2021-TR1	AMMC-5024-W50	HSMP-3832-BLKG	HSMS-8101-TR2G
ACFM-2043-BLK	AMMC-5025-W10	HSMP-3832-TR1G	HSMS-8202-BLKG
ACFM-2113-BLK	AMMC-5025-W50	HSMP-3832-TR2G	HSMS-8202-TR1G
ACFM-2113-HW1	AMMC-5026-W10	HSMP-3833-BLKG	HSMS-8202-TR2G
ACFM-2113-SG1	AMMC-5026-W50	HSMP-3833-TR1G	HSMS-8207-BLKG
ACFM-2113-TR1	AMMC-5033-W10	HSMP-3833-TR2G	HSMS-8207-TR1G
ACFM-2149-BLK	AMMC-5040-W10	HSMP-3834-BLKG	HSMS-8207-TR2G
ACFM-2149-TR1	AMMC-5040-W50	HSMP-3834-TR1G	HSMS-8209-BLKG
ACFM-7024-BLK	AMMC-5618-W10	HSMP-3834-TR2G	HSMS-8209-TR1G
ACFM-7024-SG1	AMMC-5618-W50	HSMP-3860-BLKG	HSMS-8209-TR2G
ACFM-7024-TR1	AMMC-5620-W10	HSMP-3860-PR1	MGA-13116-BLKG
ACFM-7037-BLK	AMMC-5620-W50	HSMP-3860-TR1G	MGA-13116-SG1G
ACFM-7037-TR1	AMMC-6120-W10	HSMP-3860-TR2G	MGA-13116-TR1G
ACFM-7045-BLK	AMMC-6120-W50	HSMP-3862-BLKG	MGA-13216-BLKG
ACFM-7045-LT1	AMMC-6140-W10	HSMP-3862-TR1G	MGA-13216-SG1G
ACFM-7045-SG1	AMMC-6140-W50	HSMP-3862-TR2G	MGA-13216-TR1G
ACFM-7045-TR1	AMMC-6220-W10	HSMP-3863-BLKG	MGA-13316-BLKG
ACFM-7310-BLK	AMMC-6220-W50	HSMP-3863-TR1G	MGA-13316-SG1G
ACFM-7310-SG1	AMMC-6222-W10	HSMP-3863-TR2G	MGA-13316-TR1G
ACFM-7310-TR1	AMMC-6222-W50	HSMP-3864-BLKG	MGA-13516-BLKG
ACFM-7526-BLK	AMMC-6231-W10	HSMP-3864-TR1G	MGA-13516-TR1G
ACFM-7526-SG1	AMMC-6231-W50	HSMP-3864-TR2G	MGA-13516-TR2G
ACFM-7526-TR1	AMMC-6232-W10	HSMP-3866-BLKG	MGA-14516-BLKG
ACMD-4602-BLK	AMMC-6232-W50	HSMP-3866-TR1G	MGA-14516-TR1G
ACMD-4602-TR1	AMMC-6233-W10	HSMP-3866-TR2G	MGA-14516-TR2G
ACMD-6013-BLK	AMMC-6233-W50	HSMP-386B-BLKG	MGA-16116-BLKG
ACMD-6013-SG1	AMMC-6241-W10	HSMP-386B-TR1G	MGA-16116-FJT1
ACMD-6013-TR1	AMMC-6241-W50	HSMP-386B-TR2G	MGA-16116-TR1G
ACMD-6102-BLK	AMMC-6331-W10	HSMP-386C-BLKG	MGA-16216-BLKG
ACMD-6102-SG1	AMMC-6331-W50	HSMP-386C-TR1G	MGA-16216-FJT1
ACMD-6102-TR1	AMMC-6333-W10	HSMP-386C-TR2G	MGA-16216-TR1G

ACMD-6103-BLK	AMMC-6333-W50	HSMP-386D-BLKG	MGA-16316-BLKG
ACMD-6103-SG1	AMMC-6345-W10	HSMP-386D-TR1G	MGA-16316-TR1G
ACMD-6103-TR1	AMMC-6345-W50	HSMP-386D-TR2G	MGA-30116-BLKG
ACMD-6125-BLK	AMMC-6408-W10	HSMP-386E-BLKG	MGA-30116-TR1G
ACMD-6125-KC1	AMMC-6408-W50	HSMP-386E-TR1G	MGA-30116-TR2G
ACMD-6125-QC1	AMMC-6420-W10	HSMP-386E-TR2G	MGA-30216-BLKG
ACMD-6125-SG1	AMMC-6420-W50	HSMP-386F-BLKG	MGA-30216-TR1G
ACMD-6125-TR1	AMMC-6421-W10	HSMP-386F-TR1G	MGA-30216-TR2G
ACMD-6207-BB1	AMMC-6421-W50	HSMP-386F-TR2G	MGA-30316-TR1G
ACMD-6207-SG1	AMMC-6425-W10	HSMP-386J-BLKG	MGA-30489-BLKG
ACMD-6207-TR1	AMMC-6425-W50	HSMP-386J-TR1G	MGA-30489-TR1G
ACMD-6225-BLK	AMMC-6430-W10	HSMP-386J-TR2G	MGA-30689-BLKG
ACMD-6225-TR1	AMMC-6430-W50	HSMP-386L-BLKG	MGA-30689-TR1G
ACMD-6307-BLK	AMMC-6431-W10	HSMP-386L-TR1G	MGA-30789-BLKG
ACMD-6307-SG1	AMMC-6431-W50	HSMP-386L-TR2G	MGA-30789-TR1G
ACMD-6307-TR1	AMMC-6440-W50	HSMP-3890-BLKG	MGA-30889-BLKG
ACMD-6407-BLK	AMMC-6442-REM1	HSMP-3890-TR1G	MGA-30889-TR1G
ACMD-6407-HW1	AMMC-6442-W10	HSMP-3890-TR2G	MGA-30989-BLKG
ACMD-6407-TR1	AMMC-6442-W50	HSMP-3892-BLKG	MGA-30989-TR1G
ACMD-7404-BLK	AMMC-6522-W10	HSMP-3892-TR1G	MGA-31189-BLKG
ACMD-7404-TR1	AMMC-6522-W50	HSMP-3892-TR2G	MGA-31189-TR1G
ACMD-7408-TR1	AMMC-6530-W10	HSMP-3893-BLKG	MGA-31289-BLKG
ACMD-7411-AT1	AMMC-6530-W50	HSMP-3893-TR1G	MGA-31289-SG1G
ACMD-7411-BLK	AMMC-6532-W10	HSMP-3893-TR2G	MGA-31289-TR1G
ACMD-7411-SG1	AMMC-6532-W50	HSMP-3894-BLKG	MGA-31389-BLKG
ACMD-7411-TR1	AMMC-6545-W10	HSMP-3894-TR1G	MGA-31389-TR1G
ACMD-9001-TR1	AMMC-6545-W50	HSMP-3894-TR2G	MGA-31489-BLKG
ACPF-7124-BLK	AMMC-6550-W10	HSMP-3895-BLKG	MGA-31489-SG1G
ACPF-7124-SG1	AMMC-6550-W50	HSMP-3895-TR1G	MGA-31489-TR1G
ACPF-7124-TR1	AMMC-6630-W10	HSMP-3895-TR2G	MGA-31589-BLKG
ACPF-7141-BLK	AMMC-6630-W50	HSMP-389B-BLKG	MGA-31589-TR1G
ACPF-7141-SG1	AMMC-6640-W10	HSMP-389B-TR1G	MGA-31689-BLKG
ACPF-7141-TR1	AMMC-6640-W50	HSMP-389B-TR2G	MGA-31689-SG1G
ACPF-7241-BLK	AMMP-5024-BLKG	HSMP-389C-BLKG	MGA-31689-TR1G
ACPF-7241-TR1	AMMP-5024-TR1G	HSMP-389C-TR1G	MGA-31716-BLKG
ACPF-7324-BLK	AMMP-5024-TR2G	HSMP-389C-TR2G	MGA-31716-TR1G
ACPF-7324-SG1	AMMP-5618-BLK	HSMP-389D-BLKG	MGA-31816-BLKG
ACPF-7324-TR1	AMMP-5618-TR1	HSMP-389D-TR1G	MGA-31816-FJ1
ACPF-7324-TR2	AMMP-5618-TR2	HSMP-389D-TR2G	MGA-31816-TR1G
ACPF-7341-BLK	AMMP-5620-BLKG	HSMP-389E-BLKG	MGA-412P8-BLKG
ACPF-7341-SG1	AMMP-5620-TR1G	HSMP-389E-TR1G	MGA-412P8-TR1G
ACPF-7341-TR1	AMMP-5620-TR2G	HSMP-389E-TR2G	MGA-412P8-TR2G
ACPF-7424-BLK	AMMP-6120-BLK	HSMP-389F-BLKG	MGA-425P8-BLK

ACPF-7424-SG1	AMMP-6120-TR1	HSMP-389F-TR1G	MGA-425P8-TR1
ACPF-7424-TR1	AMMP-6120-TR2	HSMP-389F-TR2G	MGA-425P8-TR2
ACPF-7624-BLK	AMMP-6125-BLKG	HSMP-389L-BLKG	MGA-43003-BLKG
ACPF-7624-TR1	AMMP-6125-TR1G	HSMP-389L-TR1G	MGA-43003-TR1G
ACPF-7624-TR2	AMMP-6125-TR2G	HSMP-389L-TR2G	MGA-43013-BLKG
ACPF-7724-BLK	AMMP-6130-BLKG	HSMP-389R-BLKG	MGA-43013-TR1G
ACPF-7724-TR1	AMMP-6130-TR1G	HSMP-389R-TR1G	MGA-43024-BLKG
ACPF-7901-TR1	AMMP-6130-TR2G	HSMP-389R-TR2G	MGA-43024-TR1G
ACPF-8025-SG1	AMMP-6220-BLK	HSMP-389T-BLKG	MGA-43040-BLKG
ACPF-8041-BLK	AMMP-6220-TR1	HSMP-389T-TR1G	MGA-43040-TR1G
ACPF-8041-TR1	AMMP-6220-TR2	HSMP-389T-TR2G	MGA-43228-BLKG
ACPF-8240-BLK	AMMP-6222-BLKG	HSMP-389U-BLKG	MGA-43428-BLKG
ACPF-8240-TR1	AMMP-6222-TR1G	HSMP-389U-TR1G	MGA-43428-TR1G
ACPF-9001-BLK	AMMP-6222-TR2G	HSMP-389U-TR2G	MGA-43528-BLKG
ACPF-9001-TR1	AMMP-6232-BLKG	HSMP-389V-BLKG	MGA-43528-TR1G
ACPF-9001-TR2	AMMP-6232-TR1G	HSMP-389V-TR1G	MGA-43628-BLKG
ACPF-9002-BLK	AMMP-6232-TR2G	HSMP-389V-TR2G	MGA-43628-TR1G
ACPF-9002-HP1	AMMP-6233-BLKG	HSMP-4810-BLKG	MGA-43728-BLKG
ACPF-9002-TR2	AMMP-6233-TR1G	HSMP-4810-TR1G	MGA-43728-TR1G
ACPM-2302-TR1	AMMP-6233-TR2G	HSMP-4810-TR2G	MGA-43828-BLKG
ACPM-5001-BLK	AMMP-6331-BLKG	HSMP-481B-BLKG	MGA-43828-TR1G
ACPM-5001-TR1	AMMP-6331-TR1G	HSMP-481B-TR1G	MGA-52543-BLKG
ACPM-5002-BLK	AMMP-6331-TR2G	HSMP-481B-TR2G	MGA-52543-TR1G
ACPM-5002-TR1	AMMP-6333-BLKG	HSMP-4820-BLKG	MGA-52543-TR2G
ACPM-5004-BLK	AMMP-6333-TR1G	HSMP-4820-TR1G	MGA-53543-BLKG
ACPM-5004-SG1	AMMP-6333-TR2G	HSMP-4820-TR2G	MGA-53543-TR1G
ACPM-5004-TR1	AMMP-6408-BLKG	HSMP-482B-BLKG	MGA-53543-TR2G
ACPM-5005-BLK	AMMP-6408-TR1G	HSMP-482B-TR1G	MGA-53589-BLKG
ACPM-5005-TR1	AMMP-6408-TR2G	HSMP-482B-TR2G	MGA-53589-TR1G
ACPM-5007-BLK	AMMP-6425-BLKG	HSMP-4890-BLKG	MGA-545P8-BLK
ACPM-5007-LG1	AMMP-6425-TR1G	HSMP-4890-TR1G	MGA-545P8-TR1
ACPM-5007-SG1	AMMP-6425-TR2G	HSMP-4890-TR2G	MGA-545P8-TR2
ACPM-5007-TR1	AMMP-6429-BLKG	HSMP-489B-BLKG	MGA-565P8-BLK
ACPM-5008-BLK	AMMP-6429-TR1G	HSMP-489B-TR1G	MGA-565P8-TR1
ACPM-5008-TR1	AMMP-6429-TR2G	HSMP-489B-TR2G	MGA-565P8-TR2
ACPM-5013-BLK	AMMP-6430-BLKG	HSMS-2800-BLKG	MGA-61563-BLKG
ACPM-5013-QR1	AMMP-6430-TR1G	HSMS-2800-TR1G	MGA-61563-TR1G
ACPM-5013-SG1	AMMP-6430-TR2G	HSMS-2800-TR2G	MGA-61563-TR2G
ACPM-5013-TR1	AMMP-6442-BLKG	HSMS-2802-BLKG	MGA-621P8-BLKG
ACPM-5017-BLK	AMMP-6442-DGW1	HSMS-2802-TR1G	MGA-621P8-TR1G
ACPM-5017-LG1	AMMP-6442-REM1	HSMS-2802-TR2G	MGA-622P8-BLKG
ACPM-5017-SG1	AMMP-6442-TR1G	HSMS-2803-BLKG	MGA-622P8-TR1G
ACPM-5017-TR1	AMMP-6442-TR2G	HSMS-2803-TR1G	MGA-62563-BLKG

ACPM-5038-BLK	AMMP-6522-BLKG	HSMS-2803-TR2G	MGA-62563-TR1G
ACPM-5038-QR1	AMMP-6522-TR1G	HSMS-2804-BLKG	MGA-62563-TR2G
ACPM-5038-SG1	AMMP-6522-TR2G	HSMS-2804-TR1G	MGA-631P8-BLKG
ACPM-5038-TR1	AMMP-6530-BLK	HSMS-2804-TR2G	MGA-631P8-TR1G
ACPM-5052-BLK	AMMP-6530-TR1	HSMS-2805-BLKG	MGA-631P8-TR2G
ACPM-5052-LT1	AMMP-6530-TR2	HSMS-2805-TR1G	MGA-632P8-BLKG
ACPM-5052-TR1	AMMP-6545-BLKG	HSMS-2805-TR2G	MGA-632P8-TR1G
ACPM-5201-BLK	AMMP-6545-TR1G	HSMS-2808-BLKG	MGA-632P8-TR2G
ACPM-5201-LR1	AMMP-6545-TR2G	HSMS-2808-TR1G	MGA-633P8-BLKG
ACPM-5201-SG2	AMMP-6546-TR1G	HSMS-2808-TR2G	MGA-633P8-TR1G
ACPM-5202-BLK	AMMP-6650-BLKG	HSMS-280B-BLKG	MGA-633P8-TR2G
ACPM-5202-SG2	ASML-5822-BLKG	HSMS-280B-TR1G	MGA-634P8-BLKG
ACPM-5613-BLK	ASML-5822-TR1G	HSMS-280B-TR2G	MGA-634P8-TR1G
ACPM-5701-BLK	ASML-5822-TR2G	HSMS-280C-BLKG	MGA-635P8-BLKG
ACPM-5701-TR1	ASML-5829-BLKG	HSMS-280C-TR1G	MGA-635P8-TR1G
ACPM-5704-TR1	ASML-5829-TR1G	HSMS-280C-TR2G	MGA-636P8-BLKG
ACPM-5705-BLK	ASML-5829-TR2G	HSMS-280E-BLKG	MGA-636P8-TR1G
ACPM-5705-SG1	AT-30511-BLKG	HSMS-280E-TR1G	MGA-637P8-BLKG
ACPM-5705-TR1	AT-30511-TR1G	HSMS-280E-TR2G	MGA-637P8-TR1G
ACPM-5802-TR1	AT-30511-TR2G	HSMS-280F-BLKG	MGA-638P8-BLKG
ACPM-5805-TR2	AT-30533-BLKG	HSMS-280F-TR1G	MGA-638P8-TR1G
ACPM-5904-BLK	AT-30533-TR1G	HSMS-280F-TR2G	MGA-645T6-BLKG
ACPM-5913-BLK	AT-30533-TR2G	HSMS-280K-BLKG	MGA-645T6-SG1G
ACPM-5917-BLK	AT-31011-BLKG	HSMS-280K-TR1G	MGA-645T6-TR1G
ACPM-7181-BLK	AT-31011-TR1G	HSMS-280K-TR2G	MGA-645T6-TR2G
ACPM-7620-BLK	AT-31011-TR2G	HSMS-280L-BLKG	MGA-64606-BLKG
ACPM-7777-BLK	AT-31033-BLKG	HSMS-280L-TR1G	MGA-64606-TR1G
ACPM-7777-TR1	AT-31033-TR1G	HSMS-280L-TR2G	MGA-64606-TR2G
ACPM-7788-SG1	AT-31033-TR2G	HSMS-280M-BLKG	MGA-655T6-BLKG
ACPM-7788-TR1	AT-32011-BLKG	HSMS-280M-TR1G	MGA-655T6-TR1G
ACPM-7800-BLK	AT-32011-TR1G	HSMS-280M-TR2G	MGA-655T6-TR2G
ACPM-7800-SG1	AT-32011-TR2G	HSMS-280N-BLKG	MGA-65606-BLKG
ACPM-7800-TR1	AT-32032-BLKG	HSMS-280N-TR1G	MGA-65606-TR1G
ACPM-7810-TR1	AT-32032-TR1G	HSMS-280N-TR2G	MGA-65606-TR2G
ACPM-7868-BLK	AT-32032-TR2G	HSMS-280P-BLKG	MGA-665P8-BLK
ACPM-7868-TR1	AT-32033-BLKG	HSMS-280P-TR1G	MGA-665P8-TR1
ACPM-7900-BLK	AT-32033-TR1G	HSMS-280P-TR2G	MGA-665P8-TR2
ACPM-7915-TR1	AT-32033-TR2G	HSMS-280R-BLKG	MGA-675T6-BLKG
ACPM-8817-TR1	AT-32063-BLKG	HSMS-280R-TR1G	MGA-675T6-TR1G
ACPM-9001-BLK	AT-32063-TR1G	HSMS-280R-TR2G	MGA-675T6-TR2G
ACPM-9001-LT1	AT-32063-TR2G	HSMS-2810-BLKG	MGA-683P8-BLKG
ACPM-9001-SG1	AT-41400-GP4	HSMS-2810-TR1G	MGA-683P8-TR1G
ACPM-9001-TR1	AT-41500-GP4	HSMS-2810-TR2G	MGA-684P8-BLKG

ACPM-9002-BLK	AT-41511-BLKG	HSMS-2812-BLKG	MGA-684P8-TR1G
ACPM-9002-LT1	AT-41511-TR1G	HSMS-2812-TR1G	MGA-68563-BLKG
ACPM-9002-SG1	AT-42000-GP4	HSMS-2812-TR2G	MGA-68563-HF1
ACPM-9002-TR1	ATF-33143-BLKG	HSMS-2813-BLKG	MGA-68563-TR1G
ACPM-9004-BLK	ATF-33143-TR1G	HSMS-2813-TR1G	MGA-68563-TR2G
ACPM-9004-SG1	ATF-33143-TR2G	HSMS-2813-TR2G	MGA-685T6-BLKG
ACPM-9004-TR1	ATF-331M4-BLK	HSMS-2814-BLKG	MGA-685T6-TR1G
ACPM-9005-BLK	ATF-331M4-TR1	HSMS-2814-TR1G	MGA-685T6-TR2G
ACPM-9005-LT1	ATF-331M4-TR2	HSMS-2814-TR2G	MGA-71543-BLKG
ACPM-9005-SG1	ATF-34143-BLKG	HSMS-2815-BLKG	MGA-71543-SG1G
ACPM-9005-TR1	ATF-34143-TR1G	HSMS-2815-TR1G	MGA-71543-TR1G
ACPM-9007-BLK	ATF-34143-TR2G	HSMS-2815-TR2G	MGA-71543-TR2G
ACPM-9007-SG2	ATF-35143-BLKG	HSMS-2817-BLKG	MGA-72543-BLKG
ACPM-9007-TR2	ATF-35143-TR1G	HSMS-2817-TR1G	MGA-72543-TR1G
ACPM-9008-BLK	ATF-35143-TR2G	HSMS-2817-TR2G	MGA-72543-TR2G
ACPM-9008-LT1	ATF-36163-BLKG	HSMS-2818-BLKG	MGA-725M4-BLK
ACPM-9008-SG1	ATF-36163-TR1G	HSMS-2818-TR1G	MGA-725M4-TR1
ACPM-9008-TR1	ATF-36163-TR2G	HSMS-2818-TR2G	MGA-725M4-TR2
ACPM-9013-BLK	ATF-38143-BLKG	HSMS-281B-BLKG	MGA-81563-BLKG
ACPM-9013-SG1	ATF-38143-TR1G	HSMS-281B-TR1G	MGA-81563-TR1G
ACPM-9013-TR1	ATF-38143-TR2G	HSMS-281B-TR2G	MGA-81563-TR2G
ACPM-9017-BLK	ATF-50189-BLK	HSMS-281C-BLKG	MGA-82563-BLKG
ACPM-9017-SG1	ATF-50189-TR1	HSMS-281C-TR1G	MGA-82563-TR1G
ACPM-9017-TR1	ATF-501P8-BLK	HSMS-281C-TR2G	MGA-82563-TR2G
ACPM-9020-BLK	ATF-501P8-TR1	HSMS-281E-BLKG	MGA-83563-BLKG
ACPM-9020-SG1	ATF-501P8-TR2	HSMS-281E-TR1G	MGA-83563-TR1G
ACPM-9020-TR1	ATF-511P8-BLK	HSMS-281E-TR2G	MGA-83563-TR2G
ACPM-9040-BLK	ATF-511P8-TR1	HSMS-281F-BLKG	MGA-85563-BLKG
ACPM-9040-SG1	ATF-511P8-TR2	HSMS-281F-TR1G	MGA-85563-TR1G
ACPM-9040-TR2	ATF-52189-BLK	HSMS-281F-TR2G	MGA-85563-TR2G
ACPM-9041-BLK	ATF-52189-TR1	HSMS-281K-BLKG	MGA-86563-BLKG
ACPM-9041-SG1	ATF-521P8-BLK	HSMS-281K-TR1G	MGA-86563-TR1G
ACPM-9041-TR2	ATF-521P8-TR1	HSMS-281K-TR2G	MGA-86563-TR2G
ACPM-920413-BLK	ATF-521P8-TR2	HSMS-281L-BLKG	MGA-87563-BLKG
ACPM-920413-TR1	ATF-53189-BLK	HSMS-281L-TR1G	MGA-87563-TR1G
ACPM-920502-BLK	ATF-53189-TR1	HSMS-281L-TR2G	MGA-87563-TR2G
ACPM-920502-BR1	ATF-531P8-BLK	HSMS-2820-BLKG	MSA-0300-GP4
ACPM-920720-TR1	ATF-531P8-TR1	HSMS-2820-TR1G	MSA-0600-GP4
ACPM-9307-BLK	ATF-531P8-TR2	HSMS-2820-TR2G	MSA-0700-GP4
ACPM-9307-SG1	ATF-54143-BLKG	HSMS-2822-BLKG	MSA-1100-GP4
ACPM-9307-TR1	ATF-54143-TR1G	HSMS-2822-TR1G	QADA-4770-FJ1G
ACPM-9311-BLK	ATF-54143-TR2G	HSMS-2822-TR2G	QADA-4789-TC1G
ACPM-9311-SG1	ATF-541M4-BLK	HSMS-2823-BLKG	QALM-38000-TR1G

ACPM-9311-TR1	ATF-541M4-TR1	HSMS-2823-TR1G	QCMD-6003-WS1
ACPM-9341-TR1	ATF-541M4-TR2	HSMS-2823-TR2G	QCMD-6003-WSB
ACPM-9374140-BLK	ATF-55100-PR1	HSMS-2824-BLKG	QCMD-6L7T-BLK
ACPM-9411-BLK	ATF-55143-BLKG	HSMS-2824-TR1G	QCMD-6L7T-TR1
ACPM-9411-SG1	ATF-55143-TR1G	HSMS-2824-TR2G	QFET-3000-BLKG
ACPM-9411-TR1	ATF-55143-TR2G	HSMS-2825-BLKG	QFET-3000-TR1G
ACPM-9641-SG1	ATF-551M4-BLK	HSMS-2825-TR1G	QFET-3002-BLK
ACPM-9641-TR1	ATF-551M4-TR1	HSMS-2825-TR2G	QFET-3002-TR1
ACPM-967341-SG1	ATF-551M4-TR2	HSMS-2827-BLKG	QFET-3003-BLKG
ACPM-967341-TR1	ATF-58143-BLKG	HSMS-2827-TR1G	QFET-3003-TR1G
ACPM-9728-SG1	ATF-58143-TR1G	HSMS-2827-TR2G	QFET-3003-TR2G
ADA-4543-BLKG	ATF-58143-TR2G	HSMS-2828-BLKG	QFET-3005-BLK
ADA-4543-TR1G	AVT-51663-BLKG	HSMS-2828-TR1G	QFET-3005-TR1
ADA-4543-TR2G	AVT-51663-TR1G	HSMS-2828-TR2G	QFET-3006-BLKG
ADA-4643-BLKG	AVT-53663-BLKG	HSMS-2829-BLKG	QFET-3006-TR1G
ADA-4643-TR1G	AVT-53663-TR1G	HSMS-2829-TR1G	QFET-3006-TR2G
ADA-4643-TR2G	AVT-54689-BLKG	HSMS-2829-TR2G	QFET-3009-BLK
ADA-4743-BLKG	AVT-54689-TR1G	HSMS-282B-BLKG	QFET-3009-TR1
ADA-4743-TR1G	AVT-55689-BLKG	HSMS-282B-TR1G	QFET-3010-BLK
ADA-4743-TR2G	AVT-55689-TR1G	HSMS-282B-TR2G	QFET-3010-TR1
ADA-4789-BLKG	HMPP-3860-BLK	HSMS-282C-BLKG	QFET-3012-PR1
ADA-4789-TR1G	HMPP-3860-TR1	HSMS-282C-SG1G	QFET-3013-TR1G
ADET-5000-BLK	HMPP-3860-TR2	HSMS-282C-TR1G	QFET-30143-TREG
ADET-5000-SG1	HMPP-3862-BLK	HSMS-282C-TR2G	QFET-3014-BLKG
ADET-5000-TR1	HMPP-3862-TR1	HSMS-282E-BLKG	QFET-3014-TR1G
AFEM-7007-BLK	HMPP-3862-TR2	HSMS-282E-TR1G	QFET-3015-PR1
AFEM-7007-SG1	HMPP-3865-BLK	HSMS-282E-TR2G	QFET-3016-PR1
AFEM-7007-TR1	HMPP-3865-TR1	HSMS-282F-BLKG	QFET-3022-GP4
AFEM-7613-BLK	HMPP-3865-TR2	HSMS-282F-TR1G	QFET-3022-PR1
AFEM-7792-BLK	HMPP-3890-BLK	HSMS-282F-TR2G	QFET-3023-PR1
AFEM-7813-BLK	HMPP-3890-TR1	HSMS-282K-BLKG	QFET-3024-GP4
AFEM-7814-BLK	HMPP-3890-TR2	HSMS-282K-TR1G	QFET-3025-GP4
AFEM-790720-BLK	HMPP-3892-BLK	HSMS-282K-TR2G	QFET-3028-TR1
AFEM-792503-BLK	HMPP-3892-TR1	HSMS-282L-BLKG	QMGA-0014-PR1
AFEM-9010-SG1	HMPP-3892-TR2	HSMS-282L-TR1G	QMGA-0017-PR1
AFEM-9010-TR1	HMPP-3895-BLK	HSMS-282L-TR2G	QMGA-0018-PR1
AFEM-9020-SG1	HMPP-3895-TR1	HSMS-282M-BLKG	QMGA-0019-TR1G
AFEM-9025-SG1	HMPP-3895-TR2	HSMS-282M-TR1G	QMGA-0020-TR1G
AFEM-9025-TR1	HMPP-389T-BLK	HSMS-282M-TR2G	QMGA-0021-BLKG
AFEM-9030-SG1	HMPP-389T-TR1	HSMS-282N-BLKG	QMGA-0021-TR1G
AFEM-9030-TR1	HMPP-389T-TR2	HSMS-282N-TR1G	QMGA-0022-TR1G
AFEM-9036-TR1	HMPS-2820-BLK	HSMS-282N-TR2G	QMGA-0023-PR1
AFEM-9040-SG1	HMPS-2820-TR1	HSMS-282P-BLKG	QMGA-0028-TR1G

AFEM-9040-TR1	HMPS-2820-TR2	HSMS-282P-TR1G	QMGA-0029-GP4
AFEM-9046-TR1	HMPS-2822-BLK	HSMS-282P-TR2G	QMGA-0030-TR1G
AFEM-9046-TR2	HMPS-2822-TR1	HSMS-282R-BLKG	QMGA-0031-TR1G
AFEM-9050-SG1	HMPS-2822-TR2	HSMS-282R-TR1G	QMGA-0032-TR1G
AFEM-9053-SG1	HMPS-2825-BLK	HSMS-282R-TR2G	QMGA-0035-GP4
AFEM-9060-SG1	HMPS-2825-SG1G	HSMS-2850-BLKG	QMGA-0036-GP4
AFEM-9066-SG1	HMPS-2825-TR1	HSMS-2850-TR1G	QMGA-2406-TR1G
AFEM-9070-TR1	HMPS-2825-TR1SE	HSMS-2850-TR2G	QMGA-30889-GP4
AFEM-9073-TR1	HMPS-2825-TR2	HSMS-2852-BLKG	QMGA-412P8-TR1G
AFEM-9080-TR1	HPND-0002	HSMS-2852-TR1G	QMGA-43039-TR1G
AFEM-9086-TR1	HPND-4005	HSMS-2852-TR2G	QMGA-43528-ALU
AFEM-9090-SG1	HPND-4028	HSMS-2855-BLKG	QMGA-43628-TR1G
AFEM-9096-SG1	HPND-4038	HSMS-2855-TR1G	QMGA-635P8-TR1G
AFEM-S106-BLKG	HSCH-5310	HSMS-2855-TR2G	QMGA-655T6-HW1
ALM-11036-BLKG	HSCH-5312	HSMS-285B-BLKG	QMGA-931T6-TR1G
ALM-11036-TR1G	HSCH-5314	HSMS-285B-PR1	QMGP-6434-TR1G
ALM-11136-BLKG	HSCH-5330	HSMS-285B-TR1G	QMMC-6546-W50
ALM-11136-TR1G	HSCH-5331	HSMS-285B-TR2G	QMMP-6333-TR1G
ALM-11236-BLKG	HSCH-5340	HSMS-285C-BLKG	QMMP-6430-BLKG
ALM-11236-TR1G	HSCH-5512	HSMS-285C-TR1G	QMMP-6430-TR1G
ALM-11336-BLKG	HSCH-5531	HSMS-285C-TR2G	QMMP-6430-TR2G
ALM-11336-TR1G	HSMP-3810-BLKG	HSMS-285L-BLKG	QPND-3027
ALM-2203-BLKG	HSMP-3810-TR1G	HSMS-285L-TR1G	QPND-4005
ALM-2203-TR1G	HSMP-3810-TR2G	HSMS-285L-TR2G	QPND-4414
ALM-2812-BLKG	HSMP-3812-BLKG	HSMS-285P-BLKG	QSCH-5949
ALM-2812-TR1G	HSMP-3812-TR1G	HSMS-285P-TR1G	QSMP-3810-TR1G
ALM-31122-BLKG	HSMP-3812-TR2G	HSMS-285P-TR2G	QSMP-3814-TR1G
ALM-31122-TR1G	HSMP-3813-BLKG	HSMS-2860-BLKG	QSMP-4810-BLKG
ALM-31122-TR2G	HSMP-3813-TR1G	HSMS-2860-TR1G	QSMP-4810-TR1G
ALM-31222-BLKG	HSMP-3813-TR2G	HSMS-2860-TR2G	QSMP-4890-TR1G
ALM-31222-TR1G	HSMP-3814-BLKG	HSMS-2862-BLKG	QSMS-2001-PR1
ALM-31222-TR2G	HSMP-3814-TR1G	HSMS-2862-TR1G	QSMS-2915
			QSMS-2915-TR1G
			QSMS-2915-TR2G
			QSMS-6001-PR1

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.