

HARMAN

Comparison Broadcom BT/WLAN Combo ICs BCM89342 and BCM89359

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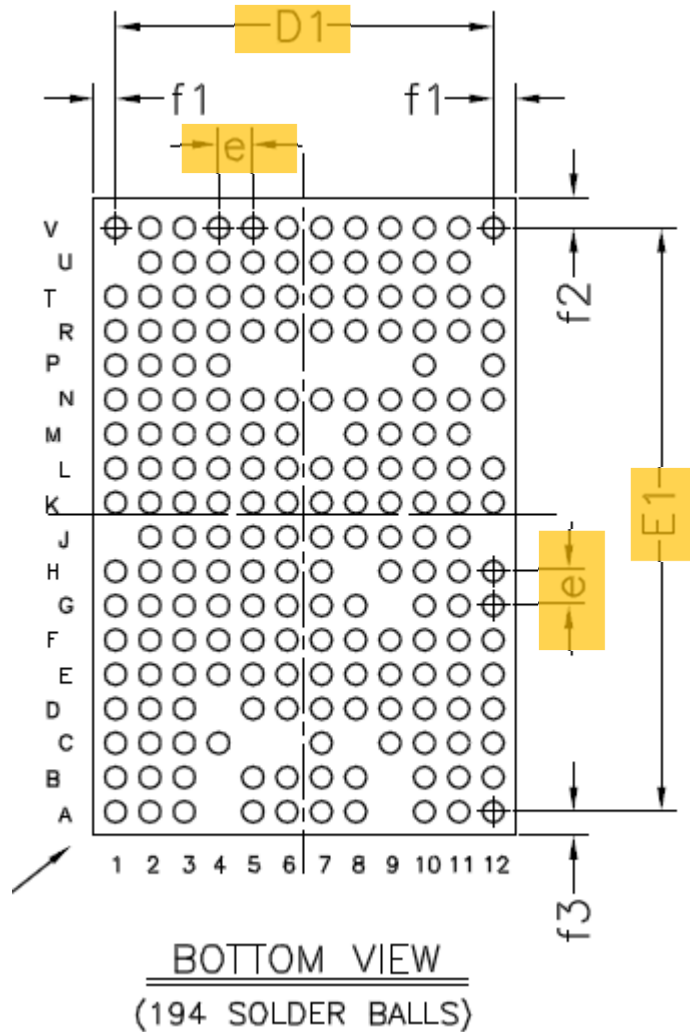
lexicon

 REVEL

Comparison BCM89342 vs. BCM89359

- Both ICs have the same silicon but different packages
- From SW and HW points of view both ICs are identical
- BCM89342 has automotive rFCBGA 0,65 mm 11,7 x 11,7 mm pitch package
- BCM89359 still has consumer WLBGA 0,4 mm pitch 6,8 x 4,4 mm package
- Utilization of BCM89342 and BCM89359 packages in Harman CWM-07 BT/WLAN combo module :
 - BCM89359 is used in A1 sample of module
 - BCM89342 should be available end of February (Module end of March)
and will be used in further builds
- Summarized: the difference between BCM89342 and BCM89359 is only package.

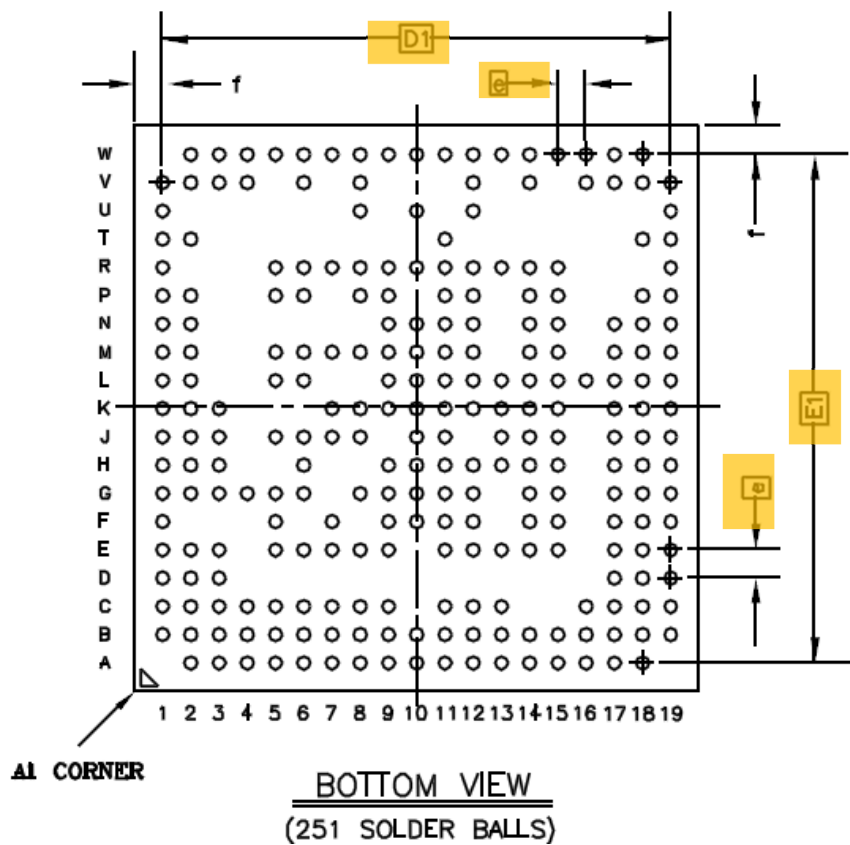
Package of BCM89359 (used in A, B1/2 sample of MGU I&K)



DIMENSIONAL REFERENCES (mm)			
REF.	MIN	NOM	MAX
A	0.45	0.50	0.55
A1	0.16	0.19	0.22
D	4.93	4.97	5.01
D1	4.40 REF.		
E	7.46	7.50	7.54
E1	6.80 REF.		
b	0.20	0.25	0.30
e	0.40 BSC		
f1	0.285 BSC		
f2	0.41 BSC		
f3	0.29 BSC		
aaa	-	-	0.10
bbb	-	-	0.10
ccc	-	-	0.05
ddd	-	-	0.10
eee	-	-	0.05

Package of BCM8942

(started second build of B2 sample of MGU I&K)



DIMENSIONAL REFERENCES (mm)			
REF.	MIN	NOM	MAX
A	--	--	1.20
A1	0.16	0.21	0.26
D	12.85	13.00	13.15
D1	11.70 BSC		
E	12.85	13.00	13.15
E1	11.70 BSC		
b	0.25	0.30	0.35
e	0.65 BSC		
f	-	0.65	-
aaa	-	-	0.15
bbb	-	-	0.20
ccc	-	-	0.08
ddd	-	-	0.15
eee	-	-	0.08

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