$\begin{array}{ll} {\rm X} & \pm 2.36 {\rm K}/500 {\rm K} \\ {\rm K} & \pm 8.85 {\rm K}/500 {\rm K} \\ {\rm X} & \pm 2.70 {\rm K}/500 {\rm K} \\ {\rm K} & \pm 18.46 {\rm K}/500 {\rm K} \\ {\rm K} & \pm 508.94/500 {\rm K} \end{array}$	$\begin{array}{c} \pm \ 3.91/500\mathrm{K} \\ \mathrm{K} & \pm \ 10.72\mathrm{K}/500\mathrm{K} \\ \mathrm{K} & \pm \ 41.70\mathrm{K}/500\mathrm{K} \\ \mathrm{OK} & \pm \ 41.70\mathrm{K}/500\mathrm{K} \\ \mathrm{OK} & \pm \ 18.19\mathrm{K}/500\mathrm{K} \\ \\ \pm \ 0.24/500\mathrm{K} \\ & \pm \ 0.12/500\mathrm{K} \\ \\ \pm \ 0.12/500\mathrm{K} \\ \\ \pm \ 0.24/500\mathrm{K} \\ \\ \pm \ 0.21/500\mathrm{K} \\ \\ \pm \ 0.63/500\mathrm{K} \\ \end{array}$	$\begin{array}{ll} 0 \text{K} & \pm \ 409.71/500 \text{K} \\ 0 \text{K} & \pm \ 397.95/500 \text{K} \\ & \pm \ 0.67/500 \text{K} \\ & \pm \ 0.49/500 \text{K} \\ & \pm \ 0.67/500 \text{K} \\ \end{array}$	$\begin{array}{l} \pm \ 0.44/500\mathrm{K} \\ \pm \ 0.36/500\mathrm{K} \\ \pm \ 0.17/500\mathrm{K} \\ \end{array}$ $\begin{array}{l} \pm \ 0.28/500\mathrm{K} \\ \pm \ 0.16/500\mathrm{K} \\ \pm \ 0.17/500\mathrm{K} \\ \pm \ 0.21/500\mathrm{K} \\ \pm \ 0.21/500\mathrm{K} \\ \end{array}$	$\begin{array}{l} \pm \ 35.96/500\mathrm{K} \\ \\ \pm \ 0.27/500\mathrm{K} \\ \pm \ 0.18/500\mathrm{K} \\ \pm \ 0.25/500\mathrm{K} \\ \pm \ 0.18/500\mathrm{K} \\ \pm \ 0.30/500\mathrm{K} \\ \pm \ 0.18/500\mathrm{K} \\ \pm \ 0.13/500\mathrm{K} \\ \pm \ 0.13/500\mathrm{K} \\ \pm \ 0.13/500\mathrm{K} \\ \pm \ 0.13/500\mathrm{K} \\ \pm \ 0.21/500\mathrm{K} \end{array}$	$\begin{array}{l} \text{X} & \pm 7.43 \text{K}/500 \text{K} \\ \text{X} & \pm 5.93 \text{K}/500 \text{K} \\ \text{X} & \pm 5.91 \text{K}/500 \text{K} \\ \text{X} & \pm 0.13/500 \text{K} \\ \pm 0.18/500 \text{K} \\ \pm 0.13/500 \text{K} \\ \end{array}$
52.13K/500K 52.13K/500K 7.29K/500K 0M 64.53K/500K	0M 112.98K/500 0.06/500K 0.08/500K 0.02/500K 409.09K/500 0.06/500K 0.05/500K 0.45/500K	50M 249.83K/500 50M 249.84K/500 0.34/500K 0.23/500K 0.35/500K	0.21/500K 0.11/500K 0.03/500K 0.05/500K 0.02/500K 1.03/500K 0.05/500K 0.05/500K	0.08/500K 0.08/500K 0.03/500K 0.06/500K 0.03/500K 0.10/500K 0.02/500K 0.02/500K 0.02/500K 0.02/500K 0.05/500K	M 6.43K/500K M 6.23K/500K 5.50M 11.57K/500K 0.02/500K 0.03/500K 0.02/500K
Name     LB+pos	+dmb+svc2-R-eret-R 0/33M +svc-W-eret-W+addr 121/33M 3+W-svc-R+W-svc-R 723/33M SB+svc-erets 238/33M CoRT 1.88M/33M 3.07M/33M CoTR 7.34M/32.50M CoTR 4ddr 0/32.50M CoTR+dmb 4/32.50M CoTR+dsb-isb 5/32.50M CoTR+dsb-isb 1/32.50M CoTR.inv 26.59M/32.50M Sb-dc-dsb-tlbi-dsb-isb 0/32.50M TR1+dsb-tlbi-dsb-isb 3/32.50M CoTR1.tlbi+dsb-isb 29/32.50M CoTT 0/32.50M	CoWT 16.30M/32.503 CoWT+dsb 16.24M/32.503 CoWT+dsb-isb 16.24M/32.503 WT+dsb-svc-tlbi-dsb 0/32M CoWT.inv +dmb 15/32M CoWT.inv+dsb 22/31.50M CoWT.inv+dsb-isb 0/31.50M CoWT1+dsb-tlbi-dsb-isb 0/32M CoWinvT 6.32M/31.503 CoWinvT 16.32M/31.503 WinvT1+dsb-tlbi-dsb 0/31.50M CoWinvT+dsb-isb 0/31.50M WinvT1+dsb-tlbi-dsb 0/31.50M +dsb-tlbi-dsb-dsb-isb 0/31.50M	TRR+dmb+po+dmb b-isb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb b-ibis-dsb-dsb+dsb-isb clbiis-dsb-dsb-isb+dsb s-dsb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb clbiis-dsb-dsb-isb+dsb-isb b-isb-dsb-isb+dsb-isb clbiis-dsb-dsb+dsb-isb db-isb-dsb-isb+dsb-isb clbiis-dsb-dsb+dsb-isb db-isb-dsb-tlbii-dsb+dsb-isb dsb-tlbiis-dsb+dsb-isb dy-dsb-tlbiis-dsb+dsb-isb dy-dsb-tlbiis-dsb-dsb-isb	P.RT.inv+dmb+addr 0/31.50M 0/31.50M dmb.ld]-dmb+dsb-isb 1.26K/31.50M 1.26K/31.50M 0/12.50M 0/12.50M 0/12.50M 0/12.50M 0/31.50M 0/31.50M sb-tlbiis-dsb-isb+dmb 0/31.50M sb-tlbiall-dsb+dsb-isb 2/31.50M dlbiall-dsb-isb+dsb-isb 4/31M 0/31.50M sb-tlbiall-dsb+dsb-isb 2/31.50M 0/31.50M 1.31M 0/31.50M 1.31M	Winv-dmb-Winv+tpo 67.38K/31M 398.74K/31M 398.74K/31M 398.74K/31M 386.32K/31M 386.32K/31M 0/31M 0/31M 0/31M 0/31M 0/31M 0/31M 0/30.50M 0/30.50M 0/30.50M
MP-	M M CoTR1-		ISA MP.BBM1+[dmb.ld]-dsb-tlbiis- MP.BBM1+[dmb.ld]-tlbiis- MP.BBM1+[po]-dsb-tlbiis- MP.BBM1+dsb-isb-tlbiis- MP.BBM1- MP.BBM1+dsl MP.BBM1+dsl MP.BBM1+dsl MP.BBM1+dsb-tll MP.BBM1+po-dsb-tlbiis- MP.BBM1.id+dsl MP.RT+s	MP.RT1  MP.RT1+[dmb.ld]-dsk  MP.RT1+[dmb.ld]-dsb-is  MP.RT1+[dmb.ld]  MP.RT1+dc-dsk  MP.RT1+dsb-is  MP.RT1  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+  MP.RT1+dsb-tlbii	M MP.invRT1+dsb-is MP.invF MP.invRT1
Type data data data data data data data dat	exc exc exc exc pgtable	pgtable	pgtable	pgtable	pgtable
istribution $7.67/500K$ $\pm 267.40/500K$ $7.77/500K$ $\pm 591.90/500K$ $81K/500K$ $\pm 0.00/500K$ $0.79K/500K$ $\pm 15.67K/500K$ $0.95/500K$ $\pm 0.95/500K$ $0.95/500K$ $\pm 0.95/500K$ $0.95/500K$ $\pm 0.95/500K$	$8.55/500K$ $\pm 351.52/500K$ $62K/500K$ $\pm 2.44K/500K$ $07K/500K$ $\pm 2.34K/500K$ $7.87K/500K$ $\pm 11.48K/500K$ $0.28K/500K$ $\pm 12.99K/500K$ $0.28K/500K$ $\pm 0.50/500K$ $0.50/500K$ $\pm 0.67/500K$ $0.67/500K$ $\pm 0.49/500K$ $0.46/500K$ $\pm 0.46/500K$ $0.40/500K$ $\pm 0.40/500K$	$.91 \text{K/}500 \text{K} \pm 15.36 \text{K/}500 \text{K}$	$0.53 \text{K}/500 \text{K}$ $\pm 28.10 \text{K}/500 \text{K}$ $0.3/500 \text{K}$ $\pm 0.18/500 \text{K}$ $0.30/500 \text{K}$ $0.30/500 \text{K}$ $0.30/500 \text{K}$ $0.30/500 \text{K}$ $0.3/500 \text{K}$ $0.3/500 \text{K}$ $0.3/500 \text{K}$ $0.3/500 \text{K}$ $0.3/500 \text{K}$ $0.43/500 \text{K}$	$\begin{array}{lll} 14/500\mathrm{K} & \pm 1.36/500\mathrm{K} \\ 4.62/500\mathrm{K} & \pm 275.12/500\mathrm{K} \\ 27/500\mathrm{K} & \pm 0.44/500\mathrm{K} \\ 28/500\mathrm{K} & \pm 0.27/500\mathrm{K} \\ 28/500\mathrm{K} & \pm 0.27/500\mathrm{K} \\ 28/500\mathrm{K} & \pm 0.27/500\mathrm{K} \\ 29/500\mathrm{K} & \pm 0.19/500\mathrm{K} \\ 29/500\mathrm{K} & \pm 0.19/500\mathrm{K} \\ 29/500\mathrm{K} & \pm 0.19/500\mathrm{K} \\ 29/500\mathrm{K} & \pm 0.32/500\mathrm{K} \\ 29/500\mathrm{K} & \pm 0.32/500$	.30K/500K ± 15.81K/500K .55K/500K ± 2.41K/500K .35K/500K ± 7.79K/500K .74K/500K ± 5.47K/500K .33K/500K ± 3.37K/500K
LB+pos 0/6.50M MP+dmbs 0/6.50M MP+po-data+dmb 2.69K/1.50M 89 MP+pos 12.45K/6.50M 99 MP+rfi-data+dmb 7.31K/500K 7. SB+dmbs 0/6.50M SB+pos 569.27K/6.50M 43 WRC+addrs 0/6.50M WRC+pos 11/6.50M 0. LB+R-svc-W+R-svc-W 0/6.50M MP+W-svc-W+addr 7.82K/6.50M 60 MP+dmb+R-svc-eret-R 0/6M MP+dmb+eret 0/6M MP+dmb+svc 0/5.50M	SB+W-svc-R+W-svc-R 50.82K/5.50M 4.  SB+svc-erets 40.70K/5M 4.  CoRT 1.18M/5M 11  CoRT+dsb-isb 1.00M/5M 10  CoTR 0/5M  CoTR+addr 5/5M 0.  CoTR+dmb 5/5M 0.  CoTR+dsb 4/5M 0.  CoTR+dsb-isb 3/5M 0.  CoTR+dsb-isb 3/5M 0.  CoTR.inv 0/5M  CoTR.inv+dsb-isb 0/5M  CoTR1+dsb-dc-dsb-tlbi-dsb-isb 1/5M 0.	$\begin{array}{ccc} {\rm CoTT} & 0/5{\rm M} \\ {\rm CoWT} & 3.47{\rm M}/5{\rm M} & 34 \\ {\rm CoWT+dsb} & 2.49{\rm M}/5{\rm M} & 24 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MP.RT1+[dmb.ld]-dmb+dsb-isb       24.56K/13M       94         MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb       0/13M       0.13M         MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb       7/13M       0.13M         MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb       0/13M       0.13M         MP.RT1+dsb-tlbiis-dsb-isb+dsb-isb       2/13M       0.13M         MP.RT1+dsb-tlbiis-dsb+dsb-isb       2/13M       0.13M         MP.RT1+dsb-tlbiis-dsb+dsb-isb       1/13M       0.13M         MP.RT1+dsb-tlbiis-dsb+dsb-isb       1/13M       0.13M         MP.RT1+dsb-tlbiis-dsb+dsb-isb       1/13M       0.13M         MP.RT1+dsb-tlbiis-dsb+dsb-isb       1/13M       0.13M         MP.RT1+dsb-tlbiis-dsb-tlbiis	MP.TT.inv+dmb+dsb-isb 0/3M MP.TT.inv+dmb+tpo 0/3M MP.invRT+dsb+dsb-isb 151.79K/3M 25 MP.invRT1+dsb-tlbiis-dsb+dsb-isb 0/3M MP.invRT1+dsb-tlbiis-dsb+dsb 0/3M MP.invRT1+dsb-tlbiis-dsb+dsb 0/3M MP.invRT1+dsb-tlbiis-dsb+dsb 0/3M WRC.AT+ctrl+dsb 117.27K/3M 15 WRC.TRR+addr+dmb 0/3M WRC.TRR.inv+addrs 0/3M WRC.TRT+addr+dmb 86.09K/3M 14 WRC.TRT+addr+dmb 76.45K/3M 15
Type data data data data data data data dat	exc exc exc exc exc exc exc exc pgtable	$\begin{array}{c} \text{pgtable} \\ \pm 0.45/500\text{K} \\ \text{pgtable} \\ \pm 0.69/500\text{K} \\ \text{pgtable} \\ \pm 0.37/500\text{K} \\ \text{pgtable} \\$	rpi3bp  rpi3bp  rpi3bp  rpi3bp  rpi3bp  rpi3bp	pgtable	pgtable
	$\begin{array}{ccc} \textbf{Name} & \textbf{Total} & \textbf{Distribution} \\ \text{MP+dmbs} & 0/3.50\text{M} \\ \text{MP+pos} & 0/3.50\text{M} \\ \text{SB+dmbs} & 0/3.50\text{M} \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	CoWT 0/3.50M CoWT+dsb 0/3.50M CoWT+dsb-isb 0/3.50M CoWT+dsb-svc-tlbi-dsb 0/3.50M CoWT.inv 0/3.50M CoWT.inv+dsb 0/3.50M CoWT.inv+dsb-isb 0/3M CoWT1+dsb-tlbi-dsb 0/3.50M CoWinvT 0/3.50M CoWinvT1+dsb-tlbi-dsb 0/3.50M MP.RT+svc-dsb-tlbi-dsb+dsb-isb 0/3M MP.RT+svc-dsb-tlbii-dsb+dsb-isb 0/3.50M	MP.RT.inv+dmb+addr 0/3M MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb 0/2.50M MP.RT1+dsb-tlbi-dsb+dsb-isb 0/3M MP.RT1+dsb-tlbiall-dsb+dsb-isb 0/3.50M MP.RT1+dsb-tlbiis-dsb+dsb-isb 0/3.50M MP.RT1+dsb-tlbiis-dsb+dsb-isb 0/3.50M MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb+dsb-isb 0/3.50M MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb+dsb-isb 0/3.50M WRC.AT+ctrl+dsb 0/3.50M WRC.TRR+addr+dmb 0/3M WRC.TRRT-inv+addrs 0/3M WRC.TRT+dmbs 0/3M WRC.TRT+dsb-isbs 0/3M WRC.TRT.inv+dsb-isbs 0/3M WRC.TRT.inv+dsb-isbs 0/3M WRC.TRT.inv+po+addr 0/3M WRC.TRT.inv+po+dmb 0/3M WRC.TRT.inv+po+dmb 0/3M WRC.TRT.inv+po+dmb 0/3M WRC.TRT1+dsb-tlbiis-dsb+dmb 0/3M	
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$687.00/500K \pm 294.54/500K$	,	$0.51/500$ K $\pm 0.70/500$ K $303.74$ K/ $500$ K $\pm 33.14$ K/ $500$ K $300.17$ K/ $500$ K $\pm 49.43$ K/ $500$ K $293.65$ K/ $500$ K $\pm 34.39$ K/ $500$ K $17.18/500$ K $\pm 38.13/500$ K $0.25/500$ K $\pm 0.54/500$ K $0.97/500$ K $\pm 2.97/500$ K $\pm 307.43$ K/ $500$ K $\pm 53.86$ K/ $500$ K	$\begin{array}{cccc} 266.51 \text{K}/500 \text{K} & \pm \ 11.50 \text{K}/500 \text{K} \\ \\ 0.03/500 \text{K} & \pm \ 0.21/500 \text{K} \\ 0.03/500 \text{K} & \pm \ 0.22/500 \text{K} \\ 0.02/500 \text{K} & \pm \ 0.15/500 \text{K} \\ 0.13/500 \text{K} & \pm \ 0.34/500 \text{K} \\ 0.07/500 \text{K} & \pm \ 0.25/500 \text{K} \\ 0.94/500 \text{K} & \pm \ 0.24/500 \text{K} \\ 0.11/500 \text{K} & \pm \ 0.37/500 \text{K} \\ 0.12/500 \text{K} & \pm \ 0.44/500 \text{K} \\ \end{array}$	,	$71.33\text{K}/500\text{K} \qquad \pm 15.15\text{K}/500\text{K} \\ 0.02/500\text{K} \qquad \pm 0.15/500\text{K} \\ 0.04/500\text{K} \qquad \pm 0.19/500\text{K} \\ 0.06/500\text{K} \qquad \pm 0.29/500\text{K} \\ 12.24\text{K}/500\text{K} \qquad \pm 4.20\text{K}/500\text{K} \\ 4.37\text{K}/500\text{K} \qquad \pm 2.50\text{K}/500\text{K} \\ 4 \qquad 3.83\text{K}/500\text{K} \qquad \pm 1.82\text{K}/500\text{K} \\ \end{cases}$
MP+rfi-data+dmb 2.75K/2M SB+dmbs 0/32M SB+pos 6.06M/31.50M WRC+addrs 0/28M WRC+pos 218.07K/28M LB+R-svc-W+R-svc-W 0/15M MP+W-svc-W+addr 0/28.50M MP+dmb+R-svc-eret-R 0/28.50M MP+dmb+eret 0/54.50M MP+dmb+svc 0/54.50M	CoRT 7.69M/66M CoRT+dsb-isb 6.35M/64.50M CoTR 6.27M/29.50M CoTR+addr 13/29M CoTR+dmb 13/29M CoTR+dsb 20/29M CoTR+dsb-isb 26/62.50M CoTR.inv 9.60M/29M CoTR.inv+dsb-isb 0/49.50M CoTR1+dsb-dc-dsb-tlbi-dsb-isb 18/36M	CoTT 0/5.50M CoWT 41.61M/68.50M CoWT+dsb 17.71M/29.50M CoWT+dsb-isb 51.98M/88.50M CoWT+dsb-svc-tlbi-dsb 0/29.50M CoWT.inv 859/25M CoWT.inv+dmb 5/10M CoWT.inv+dsb 128/66M CoWT.inv+dsb-isb 0/73M CoWT1+dsb-tlbi-dsb 0/132M CoWT1+dsb-tlbi-dsb 0/108.50M	CoWinvT1+dsb-tlbi-dsb 0/95M CoWinvWT1+dsb-tlbi-dsb-dsb-isb 0/69M ISA2.TRR+dmb+po+dmb 0/23M BBM1+[dmb.ld]-tlbiis-dsb-isb-dsb-isb+dsb-isb 0/6M BBM1+dsb-isb-tlbiis-dsb-dsb-isb+dsb-isb 4/68M MP.BBM1+dsb-tlbiis-dsb-dsb+dsb 5/73M MP.BBM1+dsb-tlbiis-dsb-dsb+dsb-isb 3/61.50M MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb 6/22.50M MP.BBM1+dsb-tlbiis-dsb-dsb-isb 3/22.50M MP.BBM1.id+dsb-tlbiis-dsb-dsb+dsb-isb 32/17M MP.RT+svc-dsb-tlbi-dsb+dsb-isb 5/23M	MP.RT.inv+dmb+po 0/34.50M MP.RT1+[dmb.ld]-dmb+dsb-isb 7.14K/5M MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb 0/154.50M MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb 12/52.50M MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb 3/8.50M MP.RT1+dsb-isb-tlbiis-dsb-isb+dsb-isb 2/23M MP.RT1+dsb-tlbiall-dsb+dsb-isb 16/20M MP.RT1+dsb-tlbiall-dsb+dsb-isb 6/14.50M MP.RT1+dsb-tlbiis-dsb+dsb-isb 5/29M MP.RT1+dsb-tlbiis-dsb-isb+dmb 0/8.50M MP.RT1+dsb-tlbiis-dsb-isb+dsb-isb 2/19M MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb-dsb-isb 6/20M	MP.TT.inv+dmb+dsb-isb 0/4.50M
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