



cluster_descriptor_engine

SIMD - 1

LP	L	F	ID	Descriptor
1	1	0	k	Desc[63]
			⋮	
0	0	0	k	Desc[2]
0	0	0	k	Desc[1]
0	0	1	k	Desc[0]
0	1	0	1	Desc[63]
			⋮	
0	0	0	1	Desc[2]
0	0	0	1	Desc[1]
0	0	1	1	Desc[0]
0	1	0	0	Desc[63]
			⋮	
0	0	0	0	Desc[2]
0	0	0	0	Desc[1]
0	0	1	0	Desc[0]

SIMD - 8

LP	L	F	ID	Descriptor			
1	1	0	k	Desc[63]	Desc[62]	.....	Desc[56]
			⋮	⋮	⋮	⋮	
0	0	0	k	Desc[23]	Desc[22]	.....	Desc[16]
0	0	0	k	Desc[15]	Desc[14]	.....	Desc[8]
0	0	1	k	Desc[7]	Desc[6]	.....	Desc[0]
0	1	0	1	Desc[63]	Desc[62]	.....	Desc[56]
			⋮	⋮	⋮	⋮	
0	0	0	1	Desc[23]	Desc[22]	.....	Desc[16]
0	0	0	1	Desc[15]	Desc[14]	.....	Desc[8]
0	0	1	1	Desc[7]	Desc[6]	.....	Desc[0]
0	1	0	0	Desc[63]	Desc[62]	.....	Desc[56]
			⋮	⋮	⋮	⋮	
0	0	0	0	Desc[23]	Desc[22]	.....	Desc[16]
0	0	0	0	Desc[15]	Desc[14]	.....	Desc[8]
0	0	1	0	Desc[7]	Desc[6]	.....	Desc[0]

SIMD - 64

LP	L	F	ID	Descriptor			
1	1	1	k	Desc[63]	Desc[62]	.....	Desc[0]
0	1	1	1	Desc[63]	Desc[62]	.....	Desc[0]
0	1	1	0	Desc[63]	Desc[62]	.....	Desc[0]