

block_k = 64×fp16

block_m = 32

m0,k0:7	m0,k8:15	m0,k16:23	m0,k24:31	m0,k32:39	m0,k40:47	m0,k48:55	m0,k56:63
m1,k0:7	m1,k8:15	m1,k16:23	m1,k24:31	m1,k32:39	m1,k40:47	m1,k48:55	m1,k56:63
m2,k0:7	m2,k8:15	m2,k16:23	m2,k24:31	m2,k32:39	m2,k40:47	m2,k48:55	m2,k56:63
m3,k0:7	m3,k8:15	m3,k16:23	m3,k24:31	m3,k32:39	m3,k40:47	m3,k48:55	m3,k56:63
m4,k0:7	m4,k8:15	m4,k16:23	m4,k24:31	m4,k32:39	m4,k40:47	m4,k48:55	m4,k56:63
m5,k0:7	m5,k8:15	m5,k16:23	m5,k24:31	m5,k32:39	m5,k40:47	m5,k48:55	m5,k56:63
m6,k0:7	m6,k8:15	m6,k16:23	m6,k24:31	m6,k32:39	m6,k40:47	m6,k48:55	m6,k56:63
m7,k0:7	m7,k8:15	m7,k16:23	m7,k24:31	m7,k32:39	m7,k40:47	m7,k48:55	m7,k56:63
m8,k0:7	m8,k8:15	m8,k16:23	m8,k24:31	m8,k32:39	m8,k40:47	m8,k48:55	m8,k56:63
m9,k0:7	m9,k8:15	m9,k16:23	m9,k24:31	m9,k32:39	m9,k40:47	m9,k48:55	m9,k56:63
m10,k0:7	m10,k8:15	m10,k16:23	m10,k24:31	m10,k32:39	m10,k40:47	m10,k48:55	m10,k56:63
m11,k0:7	m11,k8:15	m11,k16:23	m11,k24:31	m11,k32:39	m11,k40:47	m11,k48:55	m11,k56:63
m12,k0:7	m12,k8:15	m12,k16:23	m12,k24:31	m12,k32:39	m12,k40:47	m12,k48:55	m12,k56:63
m13,k0:7	m13,k8:15	m13,k16:23	m13,k24:31	m13,k32:39	m13,k40:47	m13,k48:55	m13,k56:63
m14,k0:7	m14,k8:15	m14,k16:23	m14,k24:31	m14,k32:39	m14,k40:47	m14,k48:55	m14,k56:63
m15,k0:7	m15,k8:15	m15,k16:23	m15,k24:31	m15,k32:39	m15,k40:47	m15,k48:55	m15,k56:63

LDS 32 banks

bank 0	bank 1	bank 2	bank 3	bank 4	bank 5	bank 6	bank 7	bank 8	bank 9	bank 10	bank 11	bank 12	bank 13	bank 14	bank 15	bank 16	bank 17	bank 18	bank 19	bank 20	bank 21	bank 22	bank 23	bank 24	bank 25	bank 26	bank 27	bank 28	bank 29	bank 30	bank 31	phase								
m0,k0:7				m0,k8:15				m0,k16:23				m0,k24:31				m0,k32:39				m0,k40:47				m0,k48:55				m0,k56:63		0										
m1,k56:63					m1,k0:7			m1,k8:15				m1,k16:23				m1,k24:31				m1,k32:39				m1,k40:47				m1,k48:55		0										
m2,k48:55				m2,k56:63								m2,k0:7				m3,k8:15				m2,k16:23				m2,k24:31				m2,k32:39		0										
m3,k40:47				m3,k48:55				m3,k56:63								m3,k0:7				m3,k8:15				m3,k16:23				m3,k24:31		0										
m4,k32:39				m4,k40:47				m4,k48:55				m4,k56:63								m4,k0:7				m4,k8:15				m4,k16:23		0										
m5,k24:31					m5,k32:39				m5,k40:47				m5,k48:55					m5,k56:63								m5,k0:7				m5,k16:23		0								
m6,k16:23				m6,k24:31				m6,k32:39				m6,k40:47				m6,k48:55					m6,k56:63								m6,k0:7				m6,k8:15		0					
m7,k8:15				m7,k16:23				m7,k24:31				m7,k32:39				m7,k40:47				m7,k48:55					m7,k56:63								m7,k0:7						0	
m8,k0:7				m8,k8:15				m8,k16:23				m8,k24:31				m8,k32:39				m8,k40:47				m8,k48:55				m8,k56:63												0
m9,k56:63					m9,k0:7				m9,k8:15				m9,k16:23				m9,k24:31				m9,k32:39				m9,k40:47				m9,k48:55				m9,k56:63		0					
m10,k48:55				m10,k56:63								m10,k0:7				m10,k8:15				m10,k16:23				m10,k24:31				m10,k32:39				m10,k40:47		0						
m11,k40:47				m11,k48:55				m11,k56:63								m11,k0:7				m11,k8:15				m11,k16:23				m11,k24:31				m11,k32:39		0						
m12,k32:39				m12,k40:47				m12,k48:55				m12,k56:63								m12,k0:7				m12,k8:15				m12,k16:23				m12,k24:31		0						
m13,k24:31				m13,k32:39				m13,k40:47				m13,k48:55				m13,k56:63									m13,k0:7				m13,k8:15				m13,k16:23		0					
m14,k16:23				m14,k24:31				m14,k32:39				m14,k40:47				m14,k48:55				m14,k56:63								m14,k0:7				m14,k8:15		0						
m15,k8:15				m15,k16:23				m15,k24:31				m15,k32:39				m15,k40:47				m15,k48:55				m15,k56:63								m15,k0:7				m15,k8:15		0		