

QUEUE				STG 1 (2)	QUEUE	STG 2 (3)	QUEUE	STG 3 (1)	RESULT	step
D	C	B	A							0
	D	C	B	A						1
	D	C	B	A						2
		D	C	B		A				3
		D	C	B		A				4
			D	C	B	A				5
			D	C		B		A		6
				D	C	B			A	7
				D		B			A	8
					C	B				9
					C	B				10
					D	C	B			11
					D	C			B A	12
					D	C			B A	13
						D	C		B A	14
							D	C	B A	15