

$F:$		$AB$		$A$		$D$
		$00$	$01$	$11$	$10$	
$CD$	$00$	$0$ $1$	$4$	$12$	$8$ $1$	$C$
	$01$	$1$	$5$	$13$	$9$	
	$11$	$3$	$7$	$15$ $1$	$11$	
	$10$	$2$ $1$	$6$	$14$	$10$ $1$	
		$B$				