

$i_2 i_1 i_0$	$\omega_n^{\textcolor{red}{00}0} \cdot \omega_{2n}^{100}$	$\omega_n^{\textcolor{red}{i_2}00} \cdot \omega_{2n}^{010}$	$\omega_n^{\textcolor{red}{i_1i_2}0} \cdot \omega_{2n}^{001}$
000	$\omega_{2n}^{\textcolor{red}{100}}$	$\omega_{2n}^{\textcolor{red}{010}}$	$\omega_{2n}^{\textcolor{red}{001}}$
001			
010			$\omega_{2n}^{\textcolor{red}{101}}$
011			
100		$\omega_{2n}^{\textcolor{red}{110}}$	$\omega_{2n}^{\textcolor{red}{011}}$
101			
110			$\omega_{2n}^{\textcolor{red}{111}}$
111			