

	V	V	V	V	V	V	V	V	V	V	IN	V	V	V	V	V	V	IN	V	V	V	V	V	V	V	IN	V	V	V		
$Pt_1(m_i)$	Qt_1				Qt_1								Pt_1	Pt_2					Pt_2							Pt_2			Pt_2		
$Pt_2(m_j)$				Pt_1						Pt_2	Pt_1	Pt_2			Pt_1					Pt_1							Pt_1	Pt_1			
$Qt_1(m_k)$			Pt_2			Qt_2		Qt_2								Qt_2				Qt_2					Qt_2						
$Qt_2(m_l)$		Pt_1					Pt_2	Qt_1						Qt_1			Qt_1	Qt_1			Qt_1		Qt_1				Qt_1		Qt_1		
BUS	m_k	m_i	m_j	m_i	m_k	m_l	m_j	m_k	m_l	m_i	m_k	m_i	m_j	m_k	m_j	m_i	m_l	m_k	m_i	m_j	m_l	m_k	m_i	m_k	m_l	m_j	m_k	m_l	m_i	m_j	m_k
	t_1	t_2	t_3	t_4	t_5	t_6	t_7	t_8	t_9	t_{10}	t_{11}	t_{12}	t_{13}	t_{14}	t_{15}	t_{16}	t_{17}	t_{18}	t_{19}	t_{20}	t_{21}	t_{21}	t_{22}	t_{23}	t_{24}	t_{25}	t_{26}	t_{27}	t_{28}	t_{29}	t_{30}