

A	Q	D	
0000	100011	0011	
0001 1101 1110 0001	000110 000110	0011 0011	Shift Use 2's complement for D Subtract A – D Restore A, $Q_0 = 0$
0010 1101 1111 0010	001100 001100	0011 0011	Shift Use 2's complement for D Subtract A – D Restore A, $Q_0 = 0$
0100 1101 0001	011000 011001	0011 0011	Shift Subtract, Set $Q_0 = 1$
0010 1101 1111 0010	110010 110010	0011 110010	Shift Use 2's complement for D Subtract A – D Restore A, $Q_0 = 0$
0101 1101 0010	100100 100101	0011 0011	Shift Subtract, Set $Q_0 = 1$
0101 1101 0010	001010 001011	0011 0011	Shift Subtract, Set $Q_0 = 1$