

**FUNCTION TABLE<sup>(1)(2)</sup>**

INPUTS				OUTPUTS			
$\overline{\text{CLR}}$	CLK	A	B	$Q_A$	$Q_B$	...	$Q_H$
L	X	X	X	L	L		L
H	L	X	X	$Q_{A0}$	$Q_{B0}$		$Q_{H0}$
H	↑	H	H	H	$Q_{An}$		$Q_{Gn}$
H	↑	L	X	L	$Q_{An}$		$Q_{Gn}$
H	↑	X	L	L	$Q_{An}$		$Q_{Gn}$

- (1)  $Q_{A0}$ ,  $Q_{B0}$ ,  $Q_{H0}$  = the level of  $Q_A$ ,  $Q_B$ , or  $Q_H$ , respectively, before the indicated steady-state input conditions were established.
- (2)  $Q_{An}$ ,  $Q_{Gn}$  = the level of  $Q_A$  or  $Q_G$  before the most recent ↑ transition of CLK: indicates a 1-bit shift.