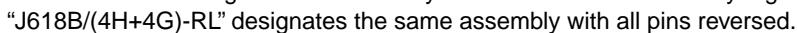




A diagram of a multi-bit shift register. It consists of a horizontal row of eight circular flip-flop symbols, each containing a number from 1 to 8. The first flip-flop is labeled '1', the second '2', the third '3', the fourth '...', the fifth '...', the sixth '...', the seventh '...', and the eighth 'X'. Each flip-flop has a clock input (triangle symbol) on its top and a data input/output (D symbol) on its side. The output of each flip-flop is connected to the input of the next flip-flop in the sequence. The entire register is connected to a common clock line at the top and a common data line at the bottom.



LED Lamp			Typical Characteristics				Recom. Op. If (mA)
Epoxy & Type	Color	Order Code	Peak λ (nm)	Vf (V) @ If=20mA	Iv (mcd) @ If=10mA	$2\Theta_{1/2}$ (Deg)	
TInted Diffused							
	Red	I	639	1.8	4.0	50	2 - 10
	Green	G	575	1.7	2.5	60	2 - 10
	Yellow	Y	591	1.85	4.0	45	2 - 10

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