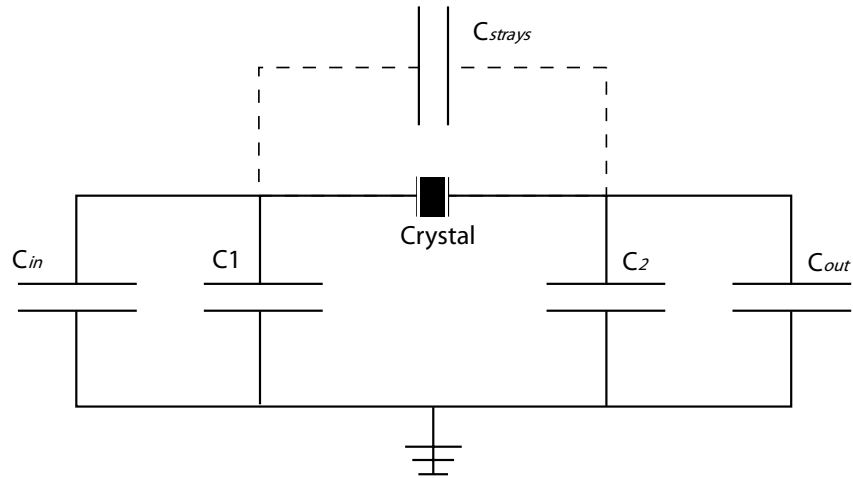


Crystal Load Capacitance



$$C_{load} = \left\{ \frac{[C_{in} + C_1][C_2 + C_{out}]}{[C_{in} + C_1 + C_2 + C_{out}]} \right\} + C_{strays} (2-3 \text{ pF})$$

Suggested Load Capacitance of C₁ and C₂ in pF

Crystal Load	3.0 to 3.3 Volts Oscillator		5.0 Volts Oscillator	
	C ₁	C ₂	C ₁	C ₂
7	8	8	X	X
8	10	10	5	5
10	12	15	6	8
12	18	18	8	10
14	22	22	15	15
16	27	27	18	22
18	27	33	22	27
20	33	39	27	27
22	39	39	33	33
30	56	56	47	47
32	56	68	47	56



**Tellurian[®]
Technologies, Inc.**

1801 Hicks Rd. Suite A Rolling Meadows, IL 60008
PH: 847-934-4141 FAX: 847-934-4175
www.telluriantech.com