

```

flq.Frequency=[10]           // field frequency, 1x1 real
flq.Order=[0]                // order of photon process, 1x1, int
flq.Amplitude=[1,1]          // AC amplitude, 1x1 / 1x2 / 1x3, real
flq.Phase=[0,%pi/2]          // AC phase 1x1 / 1x2 / 1x3, real

```

===== PiLib Variable =====

```

flq.state_info, @full, [state_label, order, site, identifier, l, SubOrb]
ORDER=  0, SIZE=[  2,  6], TYPE=INTEGER

```

1	2	3	4	5	6
1	0	1	1	1	5
2	0	2	1	1	5

===== PiLib Variable =====

```

flq.H_onsite(1), @t-sp, Floquet H_onsite of order 0
ORDER=  0, SIZE=[  1,  3], TYPE=SPARSE

```

1	2	3
2	2	0.000000 0.000000

===== PiLib Variable =====

```

flq.hop_size, @full, size of flq.hop_mat [order+1, sublatt, hop_mat_size]
ORDER=  0, SIZE=[  2,  5], TYPE=INTEGER

```

1	2	3	4	5
1	1	2	2	9
1	2	2	2	9

===== PiLib Variable =====

```

flq.hop_mat(1)(1)(:,:,1), @a-sp, Floquet hop_mat(1)(:,:,1) of order 0
ORDER=  0, SIZE=[  2,  3], TYPE=SPARSE

```

1	2	3
2	2	0.000000 0.000000
1	2	0.719622 0.000000

===== PiLib Variable =====

```

flq.hop_mat(1)(1)(:,:,2), @a-sp, Floquet hop_mat(1)(:,:,2) of order 0
ORDER=  0, SIZE=[  2,  3], TYPE=SPARSE

```

1	2	3
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