

Solar lawn chip selection table

No.	model	application	Electric current	Features	Feature	Outline Package	Periphery	Operating frequency	Remark		
1	YX8016	1.2V battery	25mA	Boost, light control, charging, solar cells and rechargeable batteries being connected in common	Small inductor current is small	TO94	L	600-700KHz			
2	YX8018		40mA		1.2V battery can be used for low current	TO94 / SOT23-5	L	200-340KHz			
3	YX8019		150m		With over-discharge protection, current is large	TO94	L	200-340KHz			
4	YX805	Section 1 1.2V battery	40mA	Boost, light control, charging, solar cells and rechargeable batteries connected in common negative	With over-discharge protection, low current	TO94	L	200-340KHz	Pin-compatible with 0116,0119,5252		
5	YX805A		100mA		With over-discharge protection, high current	TO94	L	200-340KHz			
6	YX8050		40mA		Small inductor current is small	TO94	L	200-340KHz			
7	YX8051		40mA		Little Current	TO94	L	200-340KHz			
8	YX8052		80mA		High Current	TO94 / SOT23-5	L	200-340KHz			
9	YX8052F		150m		High Current	TO94	L	100-200KHz		Compatible QX5252F	
10	YX8055		200mA		Current, low no-load consumption	DIP8 / SOP8 / Po95	L + C	100-180KHz		Synchronous Boost	
11	YX806		Section 1 1.2V battery		40mA		Candle flash	TO94	L	350-420KHz	
12	YX802		Section 2 1.2V batteries		100mA	Boost, light control, charging	Current, capacitance increase with over-discharge protection	DIP8 / SOP8	L + C	350-420KHz	Compatible with QX5253
13	YX8022				200mA		Current, with over-discharge protection	DIP8 / SOP8	L	50-150KHz	
14	YX818	3.2V lithium iron battery	350mA	Boost, light control, charging	Constant current output, the timing with overcharge and over discharge protection	DIP16	4C + 2R 1L +	600-700KHz			
15	YX8181	3.2V / 3.7V Lithium battery universal	150m		Linear constant current output, with overcharge protection	TO94	1C + 1R				
16	YX8182		150m		Linear constant current output, with over-charge and over-discharge protection	DIP8 / SOP8 / Po95	2C + 2R				
17	YX8182B		150m		Linear constant current output, with overcharge protection	DIP8 / SOP8 / Po95	2C + 2R				