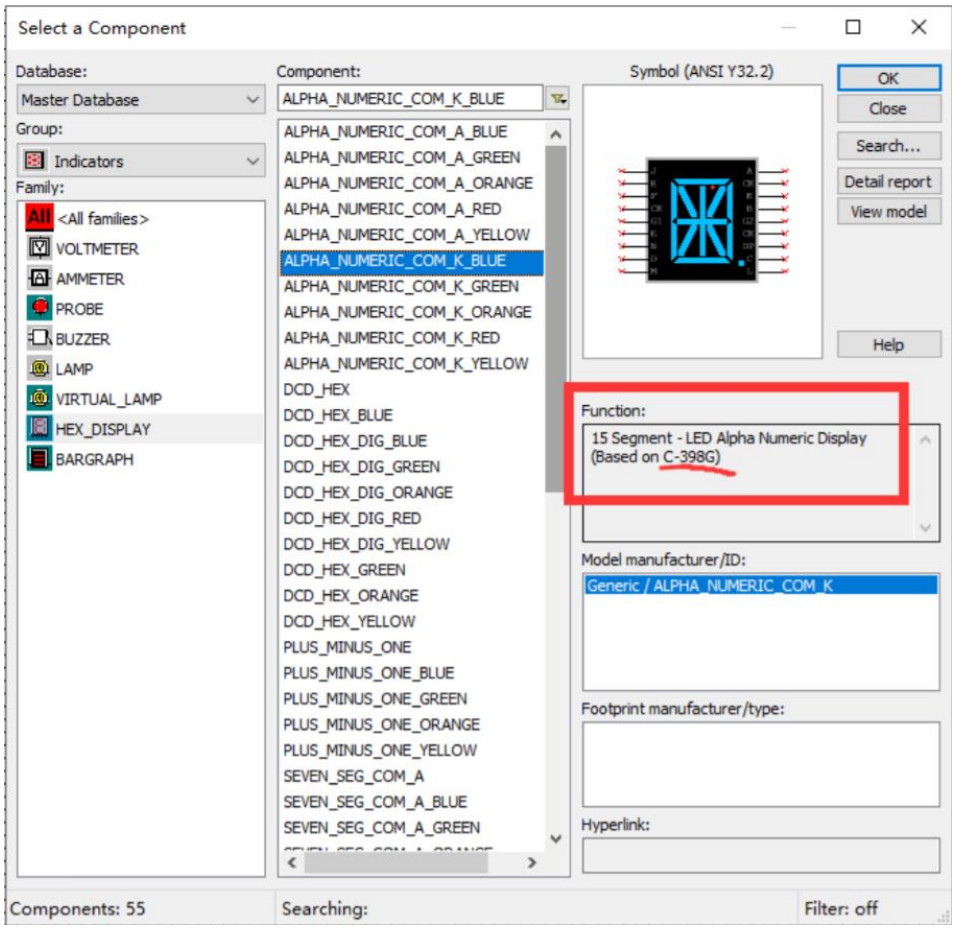
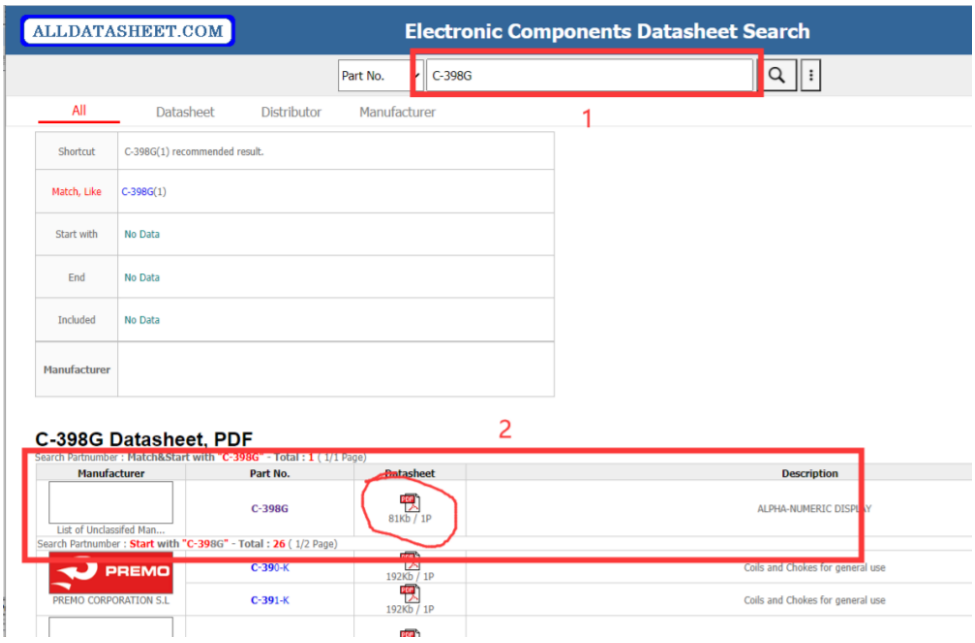
HOW TO HEX DISPLAY

Step1: Choose your hex display, read its function to find out what its part number



Step2: Go to alldatasheet.com and search for that part number and read its datasheet



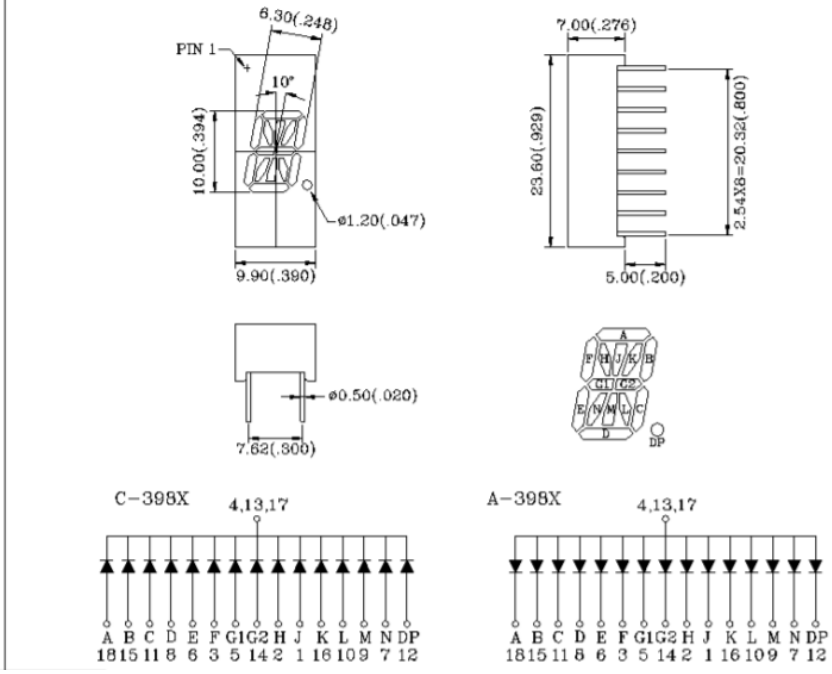
Step3:

HEX display is composed of many LEDs with common anode or cathode, you just need to light them up according to datasheet.

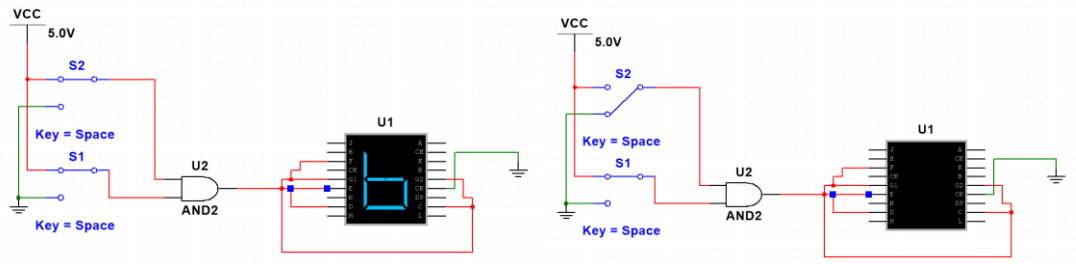
PARA LIGHT **C/A-398X** ALPHA-NUMERIC DISPLAY

Shape	Part No.		Chip		Wave Length λp(nm)	Electro-Optical Characteristics			Fig. No.
	Common Cathode	Common Anode	Raw Material	Emitted Color		Vf(V)20mA		Iv(ucd)10mA	
						Typ.	Max.	Typ.	
	C-398H	A-398H	GaP	Red	700	2.1	2.8	550	D55
	C-398E	A-398E	GaAsP/GaP	Hi.effi Red	635	2.0	2.8	1800	
	C-398G	A-398G	GaP	Green	565	2.1	2.8	1600	
	C-398Y	A-398Y	GaAsP/GaP	Yellow	585	2.1	2.8	1500	
	C-398SR	A-398SR	GaAlAs	Super Red	660	1.8	2.4	10000	

Fig.D55



Looks like for this hex display, if we want it to display b, then we need F,G1,G2,E,D,C to be high. We can test it in Multisim:



If next time you need to use other component, you can follow the same procedure.