



<http://www.microsemi.com/inverters/CCFLSelectorGuide.pdf>


Please always refer to the latest datasheet posted on www.microsemi.com (only selected values are reported. Products in Development show Preliminary Specifications)

- CF** Contact the Factory
- BASE PN** Grouping of several very similar inverters done to ease the search. To find all available PN remove "x" if any and enter the truncated PN on www.microsemi.com
- INPUT CABLES** (Voltage Source to Inverter) are available for sales under Part Numbers [LX9501G](#) & [LX9508G](#) (see inverter datasheet)
- * **R.C.** Recommended Operating Conditions ** Full Bright Lamp Current (each lamp)

Microsemi (MSC) represents the information provided in this document is to the best of its knowledge and believes it to be accurate as of the date that it was provided. Before selecting a specific inverter for a specific LCD panel MSC suggests you verify compatibility with the latest LCD Panel specifications. MSC shall not be liable for loss of use, revenue, profit, or for any special, incidental, or consequential damages arising out of, connected with, or resulting from, the information provided in this document, or otherwise.

Which Inverter for Your Panel? <http://www.microsemi.com/products/backlight/overview.asp>

NEW ACTIVE PRODUCT **NRND: Not Recommended for New Designs**

Type	Typ V _{IN} [V]*	Range V _{IN} [V]*	V _{LAMP} Range [V]*	Typ I _{OLAMP} [mA]**	V _{LS} [V] Min/Typ	Max Dimming	Operating Temp [°C]*	Base PN	Visible Light Sensor Board ***	Status	DIMENSIONS (L,W,H) [mm]
Single Lamp COMPLETELY UPGRADED!!	3.3	[3.0 --> 3.6]	[325,435]	3.5 to 5.0	1000/1200	<5:1 100:1	[-30,80]	LXMG1618A-03-2x		NEW - "A" Series	86 x 16 x 4.7
								LXMG1617A-03-2x			
	LXMG1618A-05-2x										
	LXMG1617A-05-2x										
	LXMG1618A-05-4x										
	LXMG1617A-05-4x										
	5	[4.75 --> 5.25]	[465,635]	5.0 to 6.5	1300/1400	<5:1 100:1	LXMG1618A-05-6x				
							LXMG1617A-05-6x				
	12	[10.8 --> 13.2]	[545,735]	5.0 to 8.0	1500/1650	<5:1 100:1	LXMG1811-05-6x or 6xS***	LXMG1800_LS ***	"LXMG181x" Series	100 x 16 x 6.0	
							LXMG1618A-12-4x	None	NEW - "A" Series	86 x 16 x 6.2	
	12	[9.0 --> 16.80]	[300,750]	4.0 to 7.0	1500/1650	50:1	LXMG1617A-12-4x				None
							LXMG1618A-12-6x				
12	[9.0 --> 16.0]	[500,1000]	3.8 to 8.8	/2000	100:1	LXMG1617A-12-6x	LXMG1800_LS ***	"LXMG181x" Series	100 x 16 x 6.0		
						LXMG1813-12-6x or 6xS***	None	AUTOMOTIVE	130 x 23 x 8.5		
							LXMG1614E-14-11	None			

*** When ordering the LXMG181x Series w/ the Light Sensor Board 2 Part Numbers are required. I.e. LXMG1811-05-61S + LXMG1800_LS
Older Single Lamp PN starting with LXMG1617 and LXMG1618 (non "A") are Not Recommended for New Designs.

