



DIONICS-USA INCORPORATED  
 96-B Urban Avenue Westbury, NY 11590  
 website: [www.dionics-usa.com](http://www.dionics-usa.com)

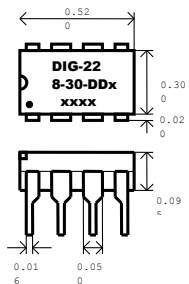
Tel: (516) 997-7474  
 Fax: (516) 997-7479  
 email: [sales@dionics-usa.com](mailto:sales@dionics-usa.com)

## Photovoltaic MOSFET Driver with Dynamic Discharge\*

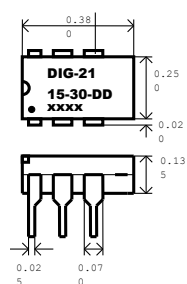
\*US Patent 4,931,656

INDIVIDUAL CHANNEL CHARACTERISTICS			Open Circuit Voltage (Voc)		Short Circuit Current (Isc)		LED Forward Voltage (Vr)	LED Reverse Current (Ir)	Offstate Voltage (Voff)	Isolation Voltage (Viso)	Turn-On Time (Ton)	Turn-Off Time (Toff)	
DEVICE	# Inputs	# Outputs	10mA min	30mA min	10mA min	30mA min	max @ If=20mA	min@ Vr=5V	max@ Ioff=10uA Iled=0mA	Min Vdc	typ@ Iled=30mA C=1500pF Voc to 50%	typ@ Iled=30mA C=1500pF Voc to 50%	
DIG-6113	1	1	14.5v	14.5v	2.0uA	4.0uA	1.7v	0.1uA	1.0v	2500v	100uS	3.0uS	6ld Pdip
DIG-1611-DD	1	1	13.0v	14.5v	2.0uA	6.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0us	6ld Pdip
DIG-1612-DD	2	2	13.0v	14.5v	2.0uA	6.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0us	8ld Pdip
DIG-100-D	1	1	11.0v	12.0v	4.0uA	12.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0us	6ld Pdip
DIG-11-8-30-DD	1	1	9.0v	10.0v	10.0uA	30.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0us	6ld Pdip
DIG-21-8-30-DD	1	1	10.0v	11.0v	5.0uA	15.0uA	3.4v	0.1uA	1.0v	2500v	100us	3.0us	6ld Pdip
DIG-21-15-30-DD	1	1	14.0v	14.5v	5.0uA	15.0uA	3.4v	0.1uA	1.0v	2500v	100us	3.0us	6ld Pdip
DIG-21-15-30-DDX	1	1	14.0v	14.5v	5.0uA	15.0uA	3.4v	0.1uA	1.0v	1000v	100us	3.0us	8ld Ceramic Dip
DIG-22-8-30-DDx	2	2	8.5v	9.5v	10.0uA	30.0uA	1.7v	0.1uA	1.0v	1000v	100us	3.0us	8ld Ceramic Dip
DIG-22-15-30-DDx	1	1	14.0v	14.5v	10.0uA	30.0uA	1.7v	0.1uA	1.0v	1000v	100us	3.0us	8ld Ceramic Dip
DIG-1115-SM	1	1	13.5v	14.0v		10.0uA	1.7v	0.1uA	0.75v	1000v	100us	3.0us	4ld Metal Dip
DIG-2115-SM	1	1	14.0v	14.5v	10.0uA	30.0uA	3.4v	0.1uA	0.75v	1000v	100us	3.0us	4ld Metal Dip

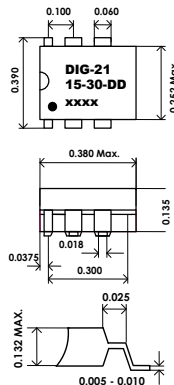
8ld Ceramic Dip



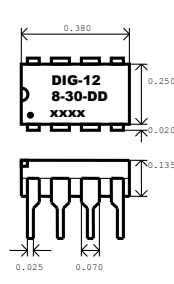
6ld Pdip



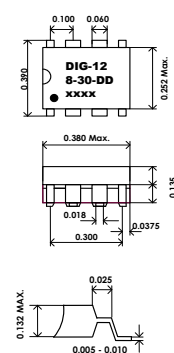
6ld Pdip Gull-wing



8ld Pdip



8ld Pdip Gull-wing



4ld Metal Dip

