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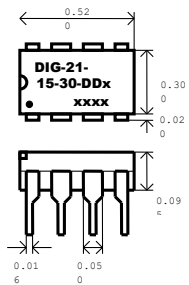
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Photovoltaic MOSFET Driver with Dynamic Discharge*

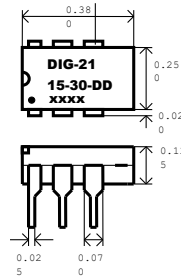
*US Patent 4,931,656

INDIVIDUAL CHANNEL CHARACTERISTICS			Open Circuit Voltage (Voc)		Short Circuit Current (Isc)		LED Forward Voltage (Vf)	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%	
CR54SM	1	1	14.0v	15.0v		15.0uA	1.7v	0.1uA	0.75v	1000v	100uS	3.0uS	4ld Metal TO
CR54-2SM	1	1	14.0v	15.0v		30.0uA	3.4v	0.1uA	0.75v	1000v	100uS	3.0uS	4ld Metal TO
DIG-6113	1	1	14.5v	14.5v	2.0uA	4.0uA	1.7v	0.1uA	1.0v	2500v	100uS	3.0uS	6ld Pdpip
DIG-1611-DD	1	1	13.0v	14.5v	2.0uA	6.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0uS	6ld Pdpip
DIG-1612-DD	2	2	13.0v	14.5v	2.0uA	6.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0uS	8ld Pdpip
DIG-100-D	1	1	11.0v	12.0v	4.0uA	12.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0uS	6ld Pdpip
DIG-11-8-30-DD	1	1	14.0v	15.0v	5.0uA	15.0uA	1.7v	0.1uA	1.0v	2500v	100us	3.0uS	6ld Pdpip
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 Pdpip
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 Pdpip
DIG-31-8-30-DD	1	1	15.0v	16.0v	15.0uA	45.0uA	1.7v	0.1uA	1.0v	2500v	100uS	3.0uS	6ld Pdpip
DIG-1115-SMP	1	1	14.0v	14.5v	7.0uA	25.0uA	1.7v	0.1uA	0.75v	1000v	100us	3.0uS	4ld Pdpip
DIG-2115-SMP	1	1	14.0v	14.5v	10.0uA	30.0uA	3.4v	0.1uA	0.75v	1000v	100us	3.0uS	4ld Pdpip
DIG-3115-SMP	1	1	15.0v	16.0v	15.0uA	45.0uA	1.8v	0.1uA	0.75v	1000v	100us	3.0uS	4ld Pdpip

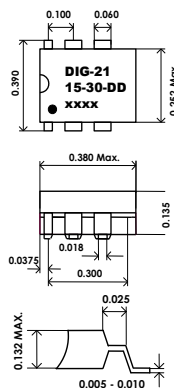
8ld Ceramic Dip



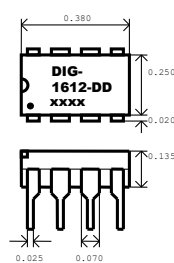
6ld Pdpip



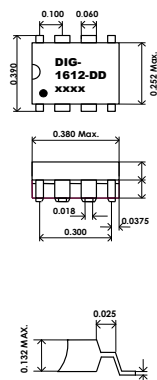
6ld Pdpip Gull-wing



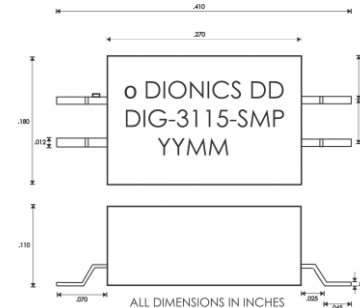
8ld Pdpip



8ld Pdpip Gull-wing



4ld Pdpip



4ld Metal TO

