



Bill of Materials for the NUD4001DGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
Q1	1	High Current LED Driver	-	-	SO-8	ON Semiconductor	NUD4001DR2G	No	Yes
D1 - D4	4	Ultrafast Power Rectifier	-	-	SMA	ON Semiconductor	MURA105T3G	No	Yes
C1	1	Electrolytic Capacitor	100 uF, 25 V	20%	Radial	Nichicon	UVZ1E101MED	Yes	Yes
R1	1	Ceramic Chip Resistor	2.0 Ω , 1/4 W	1%	1206	Vishay	CRCW12062R00FNEA	Yes	Yes
LED1 - LED3	3	White Luxeon Star	3.42 V, 1 W	-	-	Lumiled	LXML-PWC2	No	Yes
HW1 - HW4	4	Wire Connects for LEDs	-	-	-	Various	Various	Yes	Yes
HW5 - HW6	2	Vertical Quick-Fit Terminal	-	-	0.052" Hole	Keystone Electronics	1211	Yes	Yes