



## Bill of Materials for the NV787630R1DAGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
DUT	1	LED DRIVER 1.6A/60V	-	-	SSOP36	ON Semiconductor	NCV78763DQ0R2G	No	Yes
ZD1,ZD2	2	ZENER DIODE	4V7/200MW	-	SOD323_AK	ON Semiconductor	MM3Z4V7T1G	No	Yes
DUT_DB	1	HEADER - 1 ROW, SQUARE	-	-	PIGGYBACK_32X1300	Various	-	Yes	Yes
R3	1	RESISTOR MF	0	-	R0603	YAGEO	RC0603JR-070RL	Yes	Yes
R2,R4,R5,R6,R7	5	RESISTOR MF	10k	5%	R0603	YAGEO	232270260103	Yes	Yes
R1	1	RESISTOR MF	470k	1%	R0603	MULTICOMP	MC0063W06031470K	Yes	Yes
R8,R9,R10,R11,R12,R13	6	RESISTOR MF	10R	0.50%	R0603	YAGEO	RE0603DR-0710RL	Yes	Yes
C10,C13,C14,C15	4	Capacitor MLC-X7R	1nF/50V	10%	CAP0603	EPCOS	B37931K5102K60	Yes	Yes
C12	1	CAPACITOR X7R	2U2F/100V	10%	CAP1210	KEMET	C1210C225K1RACTU	Yes	Yes
C3,C4,C5,C11	4	Capacitor MLC-X7R	10nF/50V	10%	CAP0603	MULTICOMP	MCU0603R103KCT	Yes	Yes
C6,C7,C8,C9	4	Capacitor MLC-NPO	47pF/50V	5%	CAP0603	KEMET	C0603C470J5GAC	Yes	Yes
C1	1	Capacitor MLC-X7R	2n2F/50V	10%	CAP0603	YAGEO	CC0603KRX7R9BB222	Yes	Yes
C2	1	Capacitor MLC-X7R	100nF/50V	10%	CAP0603	YAGEO	CC0603KRX7R9BB104	Yes	Yes