



Bill of Materials for the NCV74300V2GEVB Evaluation Board

Designator(Main Board)	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
J1	1	SOCKET RJ11 4WIRE, Right Angle	-		FCI87180-044LFRJ11_4PIN	Amphenol	87180-044LF	No	Yes
J2	1	SOCKET RJ11 4WIRE, Right Angle	-		FCI87180-044LFRJ11_4PIN	Amphenol	87180-044LF	No	Yes
C1	1	Capacitor MLC-X7R_0603_100NF_10%_50V; C0603C104K5RAC	100nF	10%	CAP0603	KEMET	C0603C104K5RAC	No	Yes
LED	1	LED DIODE RGB 40mA / 50mA / 50mA; LRTBGVTG; OSRAM	-		LED_OSRAM_LRTB-GVTG	OSRAM	LRTBGVTG	No	Yes
C3	1	Capacitor MLC-X7R_0603_100pF_10%_50V; 2238 586 15609; PHYCOMP	100pF	10%	CAP0603	PHYCOMP	223858615609	No	Yes
Rb	1	RESISTOR MF_0603_12R_0.063W_1%_50V; MC 0.063W 0603 1% 12R; MULTICOMP	12	1%	R0603	MULTICOMP	MC 0.0063W	No	Yes
Rg	1	RESISTOR MF_0603_12R_0.063W_1%_50V; MC 0.063W 0603 1% 12R; MULTICOMP	12	1%	R0603	MULTICOMP	MC 0.0063W	No	Yes
Rr	1	RESISTOR MF_0603_12R_0.063W_1%_50V; MC 0.063W 0603 1% 12R; MULTICOMP	12	1%	R0603	MULTICOMP	MC 0.0063W	No	Yes
C2	1	Capacitor MLC-X7R_0603_10NF_10%_50V; B37931K5103K60	10nF	10%	CAP0603	EPCOS	B37931K5103K60	No	Yes
D2	1	Single Line CAN/LIN Bus Protector; 27V; 350W; NUP1105L; ON SEMICONDUCTOR	-		SOT23_A-A-KK	ONSEMI	NUP1105LT1G,	No	Yes
D1	1	Standard Recovery Power Rectifier 1A/300V; MRA4003T3G; ONSEMI;	-		SMA_AK	ONSEMI	MRA4003T3	No	Yes
U1	1	LIN RGB Driver; NCV7430; ON SEMI;	-		SOIC14	ONSEMI	ONSEMI_NCV7430	No	Yes