ON Semiconductor®

Bill of Materials for the NV70681R2DBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	301-9688 Capacitor	2.7nF	10%	CAP0603	PHYCOMP	2238 586 15628	YES	YES
C2	1	301-9688 Capacitor	2.7nF	10%	CAP0603	PHYCOMP	2238 586 15628	YES	YES
C3	1	940-2080 Capacitor	1uF	10%	CAP0603	PHYCOMP	2238 586 15628	YES	YES
C4	1	753-567 Capacitor	100NF	10%	CAP0603	EPCOS	B37931K9104K60	YES	YES
C6	1	753-567 Capacitor	100NF	10%	CAP0603	EPCOS	B37931K9104K60	YES	YES
C7	1	753-567 Capacitor	100NF	10%	CAP0603	EPCOS	B37931K9104K60	YES	YES
C8	1	882-3391 Capacitor	100uF		NICHICON_UD_8X10	NICHICON	UUD1H101MNL1GS	YES	YES
DUT	1	NCV70628			QFN50P500X500-32V3M	ONSEMI	NCV70628	NO	YES
J1,J2,J3,J4,J6,J8,J12,J12G,J13,J14,J16,J17,J20	13	SIL HEADER			X1APH			YES	YES
R1	1	923-3385 RESISTOR	1.0K	5%	R0603	PHYCOMP	232270260102	YES	YES
R2	1	923-3385 RESISTOR	1.0K	5%	R0603	PHYCOMP	232270260102	YES	YES
R3	1	883-2447 VARISTOR	20VAC	10%	VAR0603	EPCOS	B72500T200K60	YES	YES