ON Semiconductor

Bill of Materials for the AM305122R1DBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Aluminium Electrolytic	33 uF	20%	Case Style E	Panasonic	EEEFK1H330P	YES	YES
C2, C3	2	Ceramic Multilayer X7R	100 nF	10%	0603	Kemet	C0603C104K5RAC	YES	YES
C4	1	Ceramic Multilayer X7R	220 nF	10%	0402	PHYCOMP	CC0402KRX5R6BB224	YES	YES
C6, C7	2	Ceramic Multilayer X7R	220 nF	10%	0603	Kemet	C0603C224K3RAC	YES	YES
R1	1	Do Not Populate	0 Ω	-	0402	Vishay	CRCW04020000Z0ED	YES	YES
R2	1	Thick Film	100 Ω	1%	0603	Multicomp	MC 0.063W 0603 1% 100R	YES	YES
CON1	1	Plug Connector	-	-	-	Harwin	M80-8541442	YES	YES
CON2	1	Plug Connector	-	-	-	Harwin	M80-8541242	YES	YES
IC1	1	AMIS-30512	.	-	SOIC-24	ON Semiconductor	AMIS-30512	NO	YES