ON Semiconductor

Bill of Materials for the AM305222R1DBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CON1	1	DIL PC plug (7+7)	-	-	-	HARWIN	M80-8541442	Yes	Yes
CON2	1	DIL PC plug (6+6)	-	-	-	HARWIN	M80-8541242	Yes	Yes
C1	1	Aluminium Electrolytic Capacitor	100 µF, 50 V	20%	8.3mm x 8.3mm	NICHICON	UUD1H101MNL1GS	Yes	Yes
C2, C3	2	Ceramic Capacitor	100 nF, 50 V	20%	0603	YAGEO	CC0603MRY5V9BB104	Yes	Yes
C4	1	Ceramic Capacitor	0.22 µF, 10 V	10%	0402	YAGEO	CC0402KRX5R6BB224	Yes	Yes
C6, C7	2	Ceramic Capacitor	220 nF, 16 V	20%	0603	YAGEO	CC0603MRY5V7BB224	Yes	Yes
R1	1	Not Populated	-	-	-	-	-	-	-
R2	1	Resistor	100 Ω	1%	0603	YAGEO	RC0603FR-07100RL	Yes	Yes
IC1	1	AMIS-30522	-	-	NQFP32	ON Semiconductor	AMIS30522C5222G	No	Yes