



Bill of Materials for the STK681-310GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Vcc1 Bypass Capacitor	47 μ F/50V	\pm 20%	Through Hole	SUN	50ME47CA	YES	YES
C2	1	Vcc2 Bypass Capacitor	10 μ F/50V	\pm 20%	Through Hole	SUN	50ME10CA	YES	YES
R1	1	Pull-up Resistor	1.0 k Ω	\pm 5%	Through Hole	AKAHANE ELECTRONICS	RN14S102JK	YES	YES
R2	1	Pull-up Resistor	1.0 k Ω	\pm 5%	Through Hole	AKAHANE ELECTRONICS	RN14S102JK	YES	YES
R3	1	Resistor to Set Vref	-	\pm 1%	Through Hole	AKAHANE ELECTRONICS	RN14S****FK	YES	YES
HIC	1	Hybrid IC	-	-	-	ON Semiconductor	STK681-300, 310, or 312	NO	YES
JP1, 2, 3	3	Jumper	-	-	-	Mac-Eight	JR-4	YES	YES
TP1 to TP10	10	Test Point	-	-	-	Mac-Eight	ST-1-3	YES	YES

Note: R3 is used for Vref current setting. Therefore their value is not mentioned on this table.