



Bill of Materials for the STK681-352GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Vcc Bypass Capacitor	47μF /50V	±20%	Through Hole	SUN ELECTRONICS	50ME47CA	Yes	Yes
C2	1	VDD Bypass Capacitor	10μF /50V	±20%	Through Hole	SUN ELECTRONICS	50ME10CA	Yes	Yes
C3	1	Vref Stabilization Capacitor	0.1μF /50V	±10%	Through Hole	Panasonic	ECQV1H104JL2	Yes	Yes
R1	1	Resistor to Set Vref	-	±1%	Through Hole	AKAHANE ELECTRONICS	RN14S****FK	Yes	Yes
R2	1	Resistor to Set Vref	-	±1%	Through Hole	AKAHANE ELECTRONICS	RN14S****FK	Yes	Yes
R3, R4	2	Output current detective resistor	0.1Ω	±5%	Through Hole	KOA	BPR38CFR10J	Yes	Yes
R5	1	Pull-up Resistor	10 kΩ	±5%	Through Hole	AKAHANE ELECTRONICS	RN14S103JK	Yes	Yes
HIC	1	Hybrid IC	-		-	ON Semiconductor	STK681-332, 352	No	Yes
JP1, JP2	2	Jumper for STK681-332	-		-	Mac-Eight	JR-4	Yes	Yes
JP2	1	Jumper for STK681-352	-		-	Mac-Eight	JR-4	Yes	Yes
TP1 to TP11	11	Test Point	-		-	Mac-Eight	ST-1-3	Yes	Yes

R1 and R2 are used for Vref current setting. Therefore their values are not mentioned on this table.