



## Bill of Materials for the STK672-050GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Vcc1 Bypass Capacitor	220 $\mu$ F /50V	$\pm$ 20%	Radial	SUN ELECTRONICS	50ME220CA	Yes	Yes
C2	1	Vcc2 Bypass Capacitor	10 $\mu$ F /50V	$\pm$ 20%	Radial	SUN ELECTRONICS	50ME10CA	Yes	Yes
C3	1	Capacitor for power on reset circuit	10 $\mu$ F /50V	$\pm$ 20%	Radial	SUN ELECTRONICS	50ME10CA	Yes	Yes
C4	1	Vref stabilization Capacitor	0.1 $\mu$ F /50V	$\pm$ 10%	6mm x 2mm	Panasonic	ECQV1H104JL2	Yes	Yes
R01	1	Resistor to set Vref	11 k $\Omega$	$\pm$ 1%	Axial	AKAHANE ELECTRONICS	RN14S113FK	Yes	Yes
R02	1	Resistor to set Vref	4.7 k $\Omega$	$\pm$ 1%	Axial	AKAHANE ELECTRONICS	RN14S472FK	Yes	Yes
R03 to R11	9	Pull-up Resistor	10 k $\Omega$	$\pm$ 5%	Axial	AKAHANE ELECTRONICS	RN14S103JK	Yes	Yes
R12	1	Resistor for power on reset circuit	1k $\Omega$	$\pm$ 5%	Axial	AKAHANE ELECTRONICS	RN14S102JK	Yes	Yes
D1	1	Diode for power on reset circuit	-	-	Axial	ON Semiconductor	DS135AE	Yes	Yes
HIC	1	Hybrid IC	-	-	53mm x 9mm	ON Semiconductor	STK672-050	No	Yes
CN1	1	Vertical Header	-	-	2.50mm Pitch	MOLEX	5045-06A	Yes	Yes
Slide switch	1	Dip slide switch	-	-	2.54mm Pitch	NIHON KAIHEIKI	JS01-08AP4-ST	Yes	Yes
JP1, JP2	2	Jumper	-	-	-	Mac-Eight	JR-4	Yes	Yes
TP1 to TP12	12	Test Point	-	-	-	Mac-Eight	ST-1-3	Yes	Yes