



Bill of Materials for the ALT-ALSPIR-GEVK Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	LibRef	Substitution Allowed	Lead Free
C1, C3, C7, C9, C11	5	SMD 603	100nF	-	603 SMD	Capacitor SMD 603	Yes	Yes
C2, C5, C6, C8, C10	5	SMD 805	1uF	-	805 SMD	Capacitor SMD 603_1	Yes	Yes
C4	1	SMD 603	10nF	-	603 SMD	Capacitor SMD 603	Yes	Yes
Camera_connector1	1		50152-02041-001	-	Camera_connector	Connector 50152-02041-001	Yes	Yes
I1	1		PCA9617A	-	Micro8	PCA9517A	Yes	Yes
LDO1	1	NCV8163	2V8	-	TSOP 5	NCV8163 LDO	Yes	Yes
OSC1	1	2467889	ASE-24.000MHZ-LC-T	-	Oscillator	Oscillator	Yes	Yes
PMOD	1		PMOD	-	2x6 HEADER	2x6 HEADER 2.54mm	Yes	Yes
R1, R2	2		10k	-	R0603	R0603	Yes	Yes
R4, R5	2		1k5	-	R0603	R0603	Yes	Yes
Schmitt1	1	Schmitt buffer	NL17SG17	-	SC88A	NL17SG17	Yes	Yes