



Bill of Materials for the LC709209GEVB

Designator (Main Board)	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CN2_P1	2	3PIN CONNECTOR			3PIN_CONNECTOR		3PIN_CONNECTOR	Yes	Yes
C6, C8, C10, C12	4	CHIP CERAMIC CAPACITOR	0.1u		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
C9, C11	2	CHIP CERAMIC CAPACITOR	1500p		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
C1, C13, C15	3	CHIP CERAMIC CAPACITOR	1u		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
C2, C5, C7	3	CHIP CERAMIC CAPACITOR	2.2u		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
C3, C4	2	CHIP CERAMIC CAPACITOR	5p		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
C14	1	CHIP CERAMIC CAPACITOR	DNP		1005(0402inch)	IPC SM-782 STD.	CAP_1005	Yes	Yes
CF1	1	CHIP CERALOCK			CSTCE12M0G52		CSTCE12M0G52	Yes	Yes
IC1	1	IC			LC709209F		LC709209F	No	Yes
IC2	1	IC			LC87F1M16A		LC87F1M16A	No	Yes
LED1 - 4	4	LIGHT EMITTING DIODE			BR1111C		BR1111C	Yes	Yes
ZD1	1	ZENER VOLTAGE REGULATOR DIODE,V6	2V		MM3Z5V6T1G	onsemi	MM3Z5V6T1G	Yes	Yes
DZ2	1	GENERIC ZENER-DIODE			MM5Z6V2ST1G	onsemi	MM5Z6V2ST1G	Yes	Yes
D8	1	GENERIC DIODE W ALTERNATE			MMDL6050T1G	onsemi	MMDL6050T1G	Yes	Yes
R8	1	SURFACE MOUNT RESISTOR 0.031 X 0.061 INCHES, 1/10W	1.5K		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R9	1		100		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R3, R10	2		100K		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R1, R16 - 17	3		10K		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R11	1		15K		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R5, R7	2		33		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
RD1	1		330		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
R12 - 15	4		3K		1005(0402inch)	IPC SM-782 STD.	RES1005	Yes	Yes
T1 - 27	27				TP_2MMX2MM		TP_2MMX2MM	Yes	Yes
ALRT, BAT+, BAT-, SCL, SDA, SRP, SRP1, RESB, RESB, TMP, TMP, VDD, VSS, VSS1	14				TP_3MMX3MM		TP_3MMX3MM	Yes	Yes
CN1	1	Micro USB B			USB_MICRO_B_47346-0001		USB_MICRO_B_47346-0001	Yes	Yes