



Bill of Materials for the LC709205FXE-01-GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
CN2_P1	2	3PIN CONNECTOR	3pin	-	IL-G-3P-S3T2-SA	JAE	IL-G-3P-S3T2-SA	Yes	Yes
C6, C8, C10, C12	4	Chip Capacitor	0.1u	50V	CAP_1005	Murata	GRM155B11H104KA01D	Yes	Yes
C9, C11	2	Chip Capacitor	1500p	50V	CAP_1005	Murata	GRM15XR11H152KA86D	Yes	Yes
C1, C13	2	Chip Capacitor	1u	16V	CAP_1005	Murata	GRM155R61C105KA12D	Yes	Yes
C2, C5, C7	3	Chip Capacitor	2.2u	16V	CAP_1005	Murata	GRM155R61C225KE11D	Yes	Yes
C3, C4	2	Chip Capacitor	5p	50V	CAP_1005	Murata	GRM1532C1H5R0CDD5D	Yes	Yes
C14, C15	0	Chip Capacitor	DNP	-	CAP_1005	-	-	Yes	Yes
CF1	1	Chip CERALOCK	12.000MHz	±0.5%	CSTCE_G	Murata	CSTCE12M0G52-R0	Yes	Yes
IC1	1	Fuel Gauge IC	-	-	WLCSP12	ON Semiconductor	LC709205F	No	Yes
IC2	1	MCU	-	-	SQFP48(7x7)	ON Semiconductor	LC87F1M16A	No	Yes
LED1 - 4	4	LED	Red	-	1608	Stanley Electric	BR1111C-TR	Yes	Yes
ZD1	1	ZENER-DIODE	5.6V	-	SOD-323	ON Semiconductor	MM3Z5V6T1G	No	Yes
DZ2	1	ZENER-DIODE	6.2V	-	SOD-523	ON Semiconductor	MM5Z6V2ST1G	No	Yes
D8	1	DIODE	-	-	SOD-323	ON Semiconductor	MMDL6050T1G	No	Yes
R8	1	Chip Resistor	1.5K	±5%	RES_1005	KOA	RK73B1ETTP152J	Yes	Yes
R9	1	Chip Resistor	100	±5%	RES_1005	KOA	RK73B1ETTP101J	Yes	Yes
R3, R10	2	Chip Resistor	100K	±5%	RES_1005	KOA	RK73B1ETTP104J	Yes	Yes
R17, R16	2	Chip Resistor	10K	±5%	RES_1005	KOA	RK73B1ETTP103J	Yes	Yes
R11	1	Chip Resistor	15K	±5%	RES_1005	KOA	RK73B1ETTP153J	Yes	Yes
R5, R7	2	Chip Resistor	33	±5%	RES_1005	KOA	RK73B1ETTP330J	Yes	Yes
RD1	1	Chip Resistor	330	±5%	RES_1005	KOA	RK73B1ETTP331J	Yes	Yes
R12 - 15	4	Chip Resistor	3K	±5%	RES_1005	KOA	RK73B1ETTP302J	Yes	Yes
SR	1	Chip Resistor	20m	±1%	RES_1608_3216	Panasonic	ERJ3BWF020V	Yes	Yes
ALRT, BAT+, BAT-, SCL, SDA, TMP1, TMP2, TMP1-1, TMP2-1, VDD, VSS, VSS1	9	Test Pin	-	-	-	Mac8	ST-2-2	Yes	Yes
foot	4		-	-	-	3M	SJ5302	Yes	Yes
LC709205FXE-01-GEVB	1	Evaluation Board	-	-	-	ON Semiconductor	LC709205FXE-01-GEVB	No	Yes
CN1	1	Micro USB B	-	-	47346-0001	Molex	47346-0001	Yes	Yes