

AccelR1 BOM

Quantity	Designator	PartType	DescSheet	VendorPartNo	Vendor	Reference	Cost/ea	Description	Manufacturer	ManufPartNo	Footprint
1	BT1	Lith 3V ButtonCell						Multicell Battery			BR1225
2	C1, C2	0.1uF	16V,cer	PCC1870CT-ND	Digi-Key	T041, 822	0.183	Capacitor	Panasonic	ECJ-3VB1C104K	1206
2	C3, C4	Cy,330pF	1pF-470pF,50V, NP0	PCC331CGCT-ND	Digi-Key	T041, 819	0.067	Capacitor	Panasonic	ECJ-2VC1H331J	0805
2	C5, C6	Cx,330pF	1pF-470pF,50V, NP0	PCC331CGCT-ND	Digi-Key	T041, 819	0.067	Capacitor	Panasonic	ECJ-2VC1H331J	0805
1	C7	47uF		399-1556-1-ND	Digi-Key			Capacitor	Kemet		6032POL
1	C8	20pF						Capacitor			1206
1	C9	220pF						Capacitor			1206
1	C10	10uF	10V,cer	PCC2178CT-ND	Digi-Key	T041, 822	0.513	Capacitor	Panasonic	ECJ-3YB1A106M	1206
1	J1	DB-9 Female						DB-9 Female	Generic Components		
1	J2	RS-232						Connector 3 pin socket			CGRID3-RA
1	J3	RS-232 Plug						Connector 3 pin plug			SIP3-2mm
1	J4	Pins43-44						Persistor CF2 Pins 43-44			PINS43-44
1	J5	Persistor CF2						Persistor CF2 Embedded Computer 50pin IDC			
1	J6	Pin38						Persistor CF2 Pin 38			PIN38
2	J7, J8	BBC						Connector			SIP6
1	J9	Pins22-27						Persistor CF2 Pins 22-27			PINS22-27
1	J10	Batts						Connector 2 pin socket			CGRID2-RA
1	J11	Batts Plug						Connector 2 pin plug			SIP2
1	J12	Pins3-14						Persistor CF2 Pins 3-14			PINS3-14
1	JP1	JP-Pow4						Connector			SIP3-2mm
1	JP2	JP-Pow3						Connector			SIP3-2mm
1	JP3	JP-VBAT						Connector			SIP3-2mm
1	JP4	JP-VBBKen						Connector			SIP2-2mm
1	JP5	JP-VREG						Connector			SIP3-2mm
1	L1	10uH	1.10A	308-1154-1-ND	Digi-Key			Inductor			CDRH62B
2	R1, R2	Rset	125k-1.25M	9C12063AXXXXFKHFT	Digi-Key	T041, 861	0.088	Resistor	Yaego	311-valueFCT-ND	1206
1	R3	887K						Resistor			1206
1	R4	280K						Resistor			1206
1	S1	Wake									SMT-PB-EVQ-PPHA25
1	S2	Reset									SMT-PB-EVQ-PPHA25
1	TP1	U2-ST						Pad Pin for testpoints			TP-PAD-42
1	TP2	U1-ST						Pad Pin for testpoints			TP-PAD-42
1	TP3	Gnd						Pad Pin for testpoints			TP-PAD-42
2	U1, U2	ADXL210E						Accelerometer, Dual-axis, PWM, +/-10g			LCC-E8
1	U3	LTC1877						Synchronous Step-Down Converter			MSOP-8