

## **Placa IIE-PCI - Lista de Materiales**

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## Lista de Materiales

Los componentes fueron adquiridos en ARROW, DigiKey y ENEKA.

Los costos están en Dolares Americanos.

Used	Part Type	Designator	Footprint	Description	Costo Unitario	Costo total
1	circuito impreso				150	150
4	330 ohm	R3 R4 R5 R6	0603	Resistencia 0.06W 5%	0.144	0.576
1	1K ohm	R2	0603	Resistencia 0.06W 5%	0.076	0.076
3	1K ohm	RP12 RP13 RP14	742	Resistencia 0.06W 5%	0.109	0.327
32	0 ohm	BR1 BR2 BR3 BR4 BR5 BR6 BR7 BR8 BR9 BR10 BR11 BR12 BR13 BR14 BR15 BR16 BR17 BR18 BR19 BR20 BR21 BR22 BR23 BR24 BR25 BR26 BR27 BR28 BR29 BR30 BR31 BR32	0603	Resistencia 0.06W 5%	0.043	1.376
1	4.7k ohm	R1	0603	Resistencia 0.06W 5%	0.09	0.09
8	33 ohm	RP4 RP5 RP6 RP7 RP8 RP9	742	Resistencia 0.06W 5%	0.109	0.872

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Used	Part Type	Designator	Footprint	Description	Costo Unitario	Costo total
		RP10 RP11				
28	.1uF	C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C32 C34 C35 C41 C42 C43	0805	Capacitor	0.1085	3.038
2	.27uF	C18 C40	2820	Capacitor	1.78	3.56
2	0.015uF	C17 C46	0402	Capacitor CERAMIC X7R	0.183	0.366
1	2.2uF	C45	3216[1206]	Capacitor CERAMIC	0.618	0.618
2	10uF	C16 C47	3225[1210]	Capacitor TANTAN	0.94	1.88
4	100uF 10v	C19 C48 C49 C50	7343	Capacitor LOW-ESR	2.97	11.88
9	470pF	C12 C13 C14 C15 C36 C37 C38 C39 C44	0603	Capacitor CERAMIC X7R	0.16	1.44
1	2.2uF	C45_o	3216[1206]	Capacitor (opcional)	0	0
2	10uF	C16_o C47_o	3225[1210]	Capacitor (opcional)	0	0
1	100uF	C19_o	7343	Capacitor (opcional)	0	0
2	10uH	L1 L2	CDRH125	Bobina	2.13	4.26
1	CRYSTAL 7.164MHz	Y1	XTAL-1	Crystal	0.5	0.5
1	EP1K100QC(208)FPGA		SQFP28X28-208	ALTEX 1K Embedded	70	70

Used	Part Type	Designator	Footprint	Description	Costo Unitario	Costo total
				Programmable Logic Family		
1	EPC2LC(20)	EPC2	PLCC-20	Configuration Device	33.5	33.5
1	HEADER 2	JTAG_BRIDGE_EPIC2	HDR1X2	Tira de pines macho	0.2	0.2
3	HEADER 3	JPSO JPS1 JTAG_EXP	HDR1X3	Tiras de pines macho	0.2	0.6
1	HEADER 3X2	JPOSC	HDR2X3	Tira de pines macho	0.2	0.2
2	HEADER 5X2	BBLASTER JTAG	HDR2X5	Tiras de pines macho para programaci?n y JTAG	0.2	0.4
2	HEADER 20X2	BUS_RAM EXP	HDR2X20	Tiras de pines hembra	3.24	6.48
1	IDT5V925	PLL	SO16	PLL, multiplicador de reloj	8	8
4	LED	DL1 DL2 DL2.5 DL3.3	1206	Diodos LED	0.138	0.552
1	LT1506CS8-3.3	J1	SO8	Convertor DC-DC 3.3v	9.38	9.38
1	LT1767EMS8E-2.5	J2	MS8	Convertor DC-DC 2.5v	6.1	6.1
1	MA784CT	D3	SMINI2-F1	Diodo	0.47	0.47
2	MBRD340	D2 D4	D-PAK	Diodo Schottky	0.74	1.48
1	MMBD914DICT	D1	SOT-23	Diodo	0.33	0.33
1	MOLEX	POWER	MOLEX	Connector para fuente de PC	3	3
1	MT48LC4M32B2SDRAM0		TSOP86	MCIRON, SDRAM 128Mb * 32	7.8	7.8

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Used	Part Type	Designator	Footprint	Description	Costo Unitario	Costo total
1	SW DIP-4	S1	BPA08	DIP Switch	1.62	1.62
					TOTAL	330.971