

Bill of Materials — P8X32A QuickStart

Part Number: 40000

Latest Revision: A3

Product Owner: David Carrier

Last Updated: 5/6/2011

Stock Code	Quantity	Reference Designator	Description	Manufacturer or Supplier	Orderable Part Number	Notes
124-40000	1		Box Sleeve, QuickStart			
150-11031	5	R1-R5	RES,10K,5%,0603			
150-11045	1	R6	RES,220,5%,0603			
172-01010	1	R7	RES,100,5%,0603			
172-15007	2	R12-R13	RES,0 OHM,0603, 1/10W	Digi-Key	RMCF0603ZT0R00TR-ND	
179-10610	2	R8-R9	RES-NTWK,100K,0612	Digi-Key	YC164J-100KTR-ND	
179-10611	2	R10-R11	RES-NTWK,240,0612	Digi-Key	YC164J-240TR-ND	
210-10001	2	C12-C13	CAP-CER,10uF,16V,Y5V,1210	Digi-Key	445-1597-6-ND	
213-01040	10	C1-C10	CAP-CER,0.1uF,20%,25V,Y5V,0603			
213-04761	1	C11	CAP-CER,4.7uF,20%,10V,X5R,060			
251-15000	1	X1	CRYSTAL 5.000 MHZ 18PF SMD			
300-40000	1		Raw, PCB, QuickStart			
350-10001	1	D10	LED 0603, Super Red Clear-LF			
350-10003	1	D11	LED 0603, Green Clear-LF			
350-10004	9	D1-D9	LED 0603, Blue Clear LF			
400-10003	1	S1	Tact Switch SMD-LF			
452-10006	1	J2	CON,USB Mini-B,SMD			
452-11001	1	J1	COM-HDR,2X20,SMD,0.1"	Digi-Key	68046-620LF-ND	
500-10011	1	Q2	MOSFET P-CH 20V 3.7A SOT-23			
500-10019	1	Q1	TRN-NPN 2N3904,SOT-23			
501-10018	1	D12	DIODE,SCHOTTKY,20V,1A,DO-214AC	Digi-Key	641-1014-6-ND	
601-10335	1	VR1	IC-REG,3.3V,1A,SOT223			
602-10017	1	U2	IC Microchip 24LC256-I/ST - LF			
603-10008	1	U4	74LVC126A	Digi-Key	568-2288-6-ND	
603-10009	1	U5	74HC541	Digi-Key	296-8335-6-ND	
604-00043	1	U3	FTDI 232 RL			
P8X32A-Q44	1	U1	P8X32A-Q44 (QFP)			
X10-00300	1		Bag ESD Heat Pink 6x4			