

LINAK A/S

Bill of material

Date 26.08.2009

Part number : 10HBLP001-B-0

Part number	Item name	Position	Number	Unit	Classification
'10HBLP001-B-0					
'1058014	LED DIODE GREEN 5 MM 0.8-2 Manufacturer Kingbright	D13 Type L-53-LGD Rohs	1	Pcs.	2 Approved source
'1008203	BATTERY CLIP AAA ANGLED No.629 Manufacturer Keystone	S19,S24 Type 629 Rohs	2	Pcs.	2 Approved source
'10SMDHBLP001-B-0					
'1008136	SMD SAW RESONATOR 433.920MHZ Manufacturer: HOPE Microelectronics, PN : HR433.92TS F11-SMD Manufacturer HOPE MICROELECTRONIC LGE	T2 Type HR433.92A F11-SMD T/R HDR433MS Rohs Rohs	1	Pcs.	2 Approved source
'1008193	220nH +-5% 0805 SMD INDUCTOR Manufacturer EPCOS	L2 Type B82498B3221J Rohs	1	Pcs.	2 Approved source
'1008195	39nH +-5% 0805 SMD INDUCTOR 39nH +-5% 0805 SMD INDUCTOR skal bruges til HB20 L0805 39nH Manufacturer EPCOS	L1 Type B82498F3390J000 Rohs	1	Pcs.	
'1070061	R 1K0 1% 0805 Manufacturer Samsung Yaego	R4,R7,R11 Type RC2012F1001CS RC12H/1K Rohs Rohs	3	Pcs.	3 Free source
'1070091	R 10K0 1% 0805 Manufacturer PHYCOMP PHYCOMP Yaego	R5,R8,R13,R14,R16 Type 2322 734 61003 RC12H/10K Rohs Rohs	5	Pcs.	3 Free source
'1070132	R 150R 1% 0805	Rohs R12	1	Pcs.	3 Free source

	Manufacturer	Type					
	PHYCOMP	2322 734 61501	Rohs				
	PHYCOMP	RC12H/150R	Rohs				
	Yaego	2322 734 61501	Rohs				
'1070140	R 4K7 1% 0805		R19,R21	2	Pcs.	3	Free source
	Manufacturer	Type					
	PHYCOMP	2322 734 64702	Rohs				
	PHYCOMP	RC12H/4K7	Rohs				
'1070143	R 10R0 1% 0805		R18,R23	2	Pcs.	3	Free source
	Manufacturer	Type					
	PHYCOMP	2322 734 61009	Rohs				
	PHYCOMP	RC12H/10R	Rohs				
'1070157	R 47R0 1% 0805		R15	1	Pcs.	3	Free source
	Manufacturer	Type					
	PHYCOMP	2322 734 64709	Rohs				
	PHYCOMP	RC12H/47R	Rohs				
	Yaego	RC0805FRF0747R	Rohs				
'1070209	R 82K0 1% 0805		R22	1	Pcs.	3	Free source
	Manufacturer	Type					
	PHYCOMP	2322 734 68203	Rohs				
	PHYCOMP	RC12H/82K	Rohs				
'1070217	R 5M6 1% 0805		R9,R10	2	Pcs.	3	Free source
	Manufacturer	Type					
	PHYCOMP	RC12H/5M6	Rohs				
'1070226	1206 SMD RESISTORARRAY 4X10K		R2,R3	2	Pcs.	2	Approved source
		5%					
	Manufacturer	Type					
	PHYCOMP	2350 035 10103L	Rohs				
	PHYCOMP	ARV241/10K	Rohs				
'1070234	1206 SMD RESISTORSARRAY 4X1K		R1	1	Pcs.	2	Approved source
		5%					
	Manufacturer	Type					
	PHYCOMP	2350 034 10102L	Rohs				
	PHYCOMP	ARC241/1K	Rohs				
'1070256	R 470R 1% 0805		R6	1	Pcs.	3	Free source
	2322 734 64701						
	Manufacturer	Type					

'1071024	Yageo/Phyc SMD GREEN LED CL-170YG-CD Manufacturer Citizen Citizen	2322 734 64701L  Type CL-170 YG-CD-T CL-170YG-CD-T	Rohs D8,D9,D10	3	Pcs.	2	Approved source
'1071071	SMD ZENERDIODE BZX84-C12.215 Manufacturer PHIL.SEMI	Type BZX84-C12.215	Rohs Z2	1	Pcs.	2	Approved source
'1071075	DIODE BAV70S SMD Manufacturer Philips	Type BAV70S.115	Rohs D1,D2,D3,D4,D5,D6,D7	7	Pcs.	2	Approved source
'1071114	SMD ZENERDIODE BZX84-B8V2 Manufacturer PHIL.SEMI Philips	Type BZX84-B8V2,215 BZX84-B8V2,215	Z1	1	Pcs.	3	Free source
'1072009	SMD MOS TRANSISTOR 2N7002-215 Manufacturer NXP PHIL.SEMI PHIL.SEMI Philips	Type 2N7002-215 2N7002,215 2N7002.215 2N7002TR-LF	Q1	1	Pcs.	2	Approved source
'1072030	TRANSISTOR BC847BS, SOT363 NPN/NPN TRANSISTOR PAIR Manufacturer PHIL.SEMI PHIL.SEMI	Type BC847BS BC847BS,115	Q2,Q7	2	Pcs.	2	Approved source
'1072054	SMD RF NPN TRANSISTOR Manufacturer Infineon Technologie Infineon Technologie	Type BFR181WE6327	Q5	1	Pcs.	2	Approved source
'1072069	BF1201WR N-channel dual-gate Komponent til HB20 N-channel dual-gate MOS-FET		Q6	1	Pcs.		

'1073025	Manufacturer	Type				
	NXP	BF1201WR	Rohs			
	SMD El. Cap. 10uF 35V		C16	1	Pcs.	2 Approved source
	10uF/35V					
	Manufacturer	Type				
	Nic Components	UWX1V100MCL1GB	Rohs			
	Nichicon	UWX1V100MCL1GB	Rohs			
	NIPP	UWX1V100MCL1GB	Rohs			
'1073026	0805 SMD CAP 1nF 50V 10% X7R		C5,C10	2	Pcs.	2 Approved source
		10%				
	Manufacturer	Type				
	AVX Corporation	08055C102KAT2A	Rohs			
	Kemet	C0805C102K5RAC	Rohs			
	PHYCOMP	2238 580 15621	Rohs			
	Yaego	2238 580 15623	Rohs			
'1073056	SMD 0805 CAP 100nF 50V 10% X7R		C1,C2,C3,C11,C12,C13	6	Pcs.	2 Approved source
	50V +-10%					
	Manufacturer	Type				
	PHYCOMP	2222 580 15649	Rohs			
	Samsung	CL21B104KBCNNNC	Rohs			
	Yaego	2238 580 15649	Rohs			
'1073075	0805 SMD CAP 1uF 10V 10% X7R		C4,C7	2	Pcs.	2 Approved source
	Manufacturer	Type				
	Murata	GRM21BR71C105KA01L	Rohs			
	Murata	GRM21BR71C105KAOIL	Rohs			
	Murata	GRM40X7R105K16U5	Rohs			
	Yaego	2222 240 15663	Rohs			
'1073081	0805 CAPACITOR 47pF 5%		C23	1	Pcs.	2 Approved source
	Manufacturer	Type				
	Samsung	CL21C470JBANNNC				
'1073098	SMD 0603 CAP 470pF 5% 50V NP0		C8,C28	2	Pcs.	2 Approved source
	Manufacturer	Type				
	Vishay Semicunductor	VJ0603 A 471 J X A A C 5G	Rohs			
'1073102	SMD 0603 CAP 10pF 5% NP0 50V		C9,C26	2	Pcs.	2 Approved source
	Manufacturer	Type				
	Murata	GRM 1885C 1H 100JA01D	Rohs			
	Vishay Semicunductor	VJ 0603 A 100 J X A A C	Rohs			

'1073115	SMD 0603 CAP 2.2pF .25p NP0 50 Komp. til HB12 RF SMD 0603 CAP 2.2p±.25p NP0 50V Manufacturer AVX Corporation PHYCOMP	Type 06035A2R2CAT2A 2,23887E+11	C24  Rohs Rohs	1	Pcs. 2	Approved source
'1073117	SMD 0603 CAP 56pF 5% NP0 50V Komp. til HB20 SMD 0603 CAP 56p 5% NP0 50V Manufacturer PHYCOMP PHYCOMP	Type 2,23887E+11 CC0603JRNPO9BN560	C25  Rohs Rohs	1	Pcs.	
'1073128	SMD0603 C 6.8pF +-0.25p 50VNP0 Manufacturer AVX Corporation AVX Corporation Murata	Type 06035A6R8CAT2A C0603C689C5GAC GRM1885C1H6R8CZ01D	C6,C27  Rohs Rohs Rohs	2	Pcs. 1	Single source
'1074205	PIC18F24K20T-I/SSC01 Manufacturer MICROCHIP TECHNOLOGY MICROCHIP TECHNOLOGY	Type PIC18F24K20T-I/SSC01 PIC18F25K20T-I/SSC01	U1  Rohs Rohs	1	Pcs. 1	Single source
'1074214	MCP1702 3V3 LOW DROP VOLT.REG Manufacturer MICROCHIP TECHNOLOGY	Type MCP1702T-3302E/CB	U2  Rohs	1	Pcs. 2	Approved source
'10907058-B	PCB 10907058 rev. B Manufacturer Printline WEI KEN INDUSTRIES	Type 10907058-B 10907058-B	  Rohs Rohs	1	Pcs. 1	Single source