LINAK A/S

LINAK A/S							20.05.2010	
Bill of material Part number :	10HBBBIO01 E 0					Date	29.05.2013	
Part number :	10HBBRIO01-E-0	Item name			Position	Number Unit	Classification	CCN
'10HBBRIO01-E-0		item name			1 OSICION	reamber ome	Classification	CCIV
101100111001 2 0	'0077036	HBLP V1.02 RF transmitter SW				0 Pcs.		
	'1008203	BATTERY CLIP AA ANGLED No.629			S19,S24		2 Approved source	
		Manufacturer	Type		E-File		• •	
		Keystone		629	)			
	'1058108	LED BLUE 5mm DIFFUSED			D13	1 Pcs.	2 Approved source	
		Manufacturer	Type		E-File			
		Vishay	TLHB5400					
	'DOKUE22-06-398-A	Assembly spec 10HBBRIO01-x-x				0 Pcs.		
	'DOKUE32-18-175-D	Test spec for 10HBLP001-x-x				0 Pcs.		
'10SMDHBBRIO01-E-0	14000400							
	'1008193	220nH +-5% 0805 SMD INDUCTOR	Tura		L2 E-File	1 Pcs.	2 Approved source	
		Manufacturer EPCOS	Type B82498B3221J		E-FIIE			
		EPCOS	B82498B3221J					
	'1008195	39nH +-5% 0805 SMD INDUCTOR	002490032211000		L1	1 Pcs	2 Approved source	
	1000133	39nH +-5% 0805 SMD INDUCTOR				1103.	2 Approved source	
		skal bruges til HB20						
		L0805 39nH						
		EPCOS B82498F3390J000						
		Manufacturer	Type		E-File			
		EPCOS	B82498F3390J000					
	'1008205	SAW - 433.92MHz - QCC4A SMD			T1	1 Pcs.	2 Approved source	
		SAW-resonator - 433.92MHz - QCC4A SMD-type						
		Manufacturer	Type		E-File			
		EPCOS	B39431R880H210					
	'1070061	R 1K0 1% 0805	_		R4,R7,R11	3 Pcs.	4 Free source minus Samsung	
		Manufacturer	Type		E-File			
		KOA Speer Electronic Yageo	RK73H2ATTD1001F RC0805FR-131KL					
		Yageo/Phycomp	RC0805FR-071KL					
	'1070091	R 10K0 1% 0805	NCOBOSI N-07 IKL		R5,R8,R13,R14	A Pcs	4 Free source minus Samsung	
	1070031	Manufacturer	Туре		E-File	4 1 03.	4 Tree source minus sumsung	
		PHYCOMP	2322 734 61003					
		PHYCOMP	RC12H/10K					
		Yageo	RC0805FR-0710KL					
		Yageo	RC0805FR-1310KL					
		Yageo	RC12H/10K					
	'1070140	R 4K7 1% 0805			R19,R21	2 Pcs.	4 Free source minus Samsung	
		Manufacturer	Type		E-File			
		PHYCOMP	2322 734 64702					
		PHYCOMP	RC12H/4K7					
	'1070143	Yageo R 10R0 1% 0805	RC0805FR-074K7L		R18,R23	2 Dec	4 Free source minus Samsung	
	10/0143	Manufacturer	Туре		E-File	2 PCS.	4 Free source minus samsung	
		PHYCOMP	2322 734 61009		21110			
		PHYCOMP	RC12H/10R					
		Yageo	RC0805FR-0710RL					
	'1070197	R 33R0 1% 0805			R12	1 Pcs.	4 Free source minus Samsung	
		Manufacturer	Type		E-File			
		PHYCOMP	2322 734 63309					
		PHYCOMP	RC0805FRF0733R					
		PHYCOMP	RC12H/33R					
		Yageo	2322 734 63309					
	14.070200	Yageo	RC0805FR-0733RL		D22	4.0	4.5	
	'1070209	R 82K0 1% 0805	Time		R22	1 PCS.	4 Free source minus Samsung	
		Manufacturer PHYCOMP	Type 2322 734 68203		E-File			
		PHYCOMP	RC12H/82K					
		Yageo	RC0805FR-0782KL					
	'1070217	R 5M6 1% 0805	NOODOSIN OFFICE		R9,R10	2 Pcs.	4 Free source minus Samsung	
		Manufacturer	Туре		E-File			
		PHYCOMP	RC12H/5M6					
		Yageo	CR21-5604-FL / ASJ					
	'1070226	1206 SMD RESISTORARRAY 4X10K			R2,R3	2 Pcs.	2 Approved source	
		5	%					
		Manufacturer	Type		E-File			
		PHYCOMP	2350 035 10103L					
		PHYCOMP	ARV241/10K					
	'1070234	1206 SMD RESISTORSARRAY 4X1K	.,		R1	1 Pcs.	2 Approved source	
			% Tuno		E Filo			
		Manufacturer PHYCOMP	Type 2350 034 10102L		E-File			
		PHYCOMP	ARC241/1K					
	'1070256	R 470R 1% 0805			R6	1 Pcs	4 Free source minus Samsung	
	<del></del>	2322 734 64701			-	2.03.		
		Manufacturer	Туре		E-File			
		Yageo	RC0805FR-07470RL					
		Yageo/Phycomp	2322 734 64701L					
	'1071071	SMD ZENERDIODE BZX84-C12.215			Z2	1 Pcs.	2 Approved source	
		BZX84-C12,215						
			_					
		Manufacturer	Type		E-File			
	11071075	PHIL.SEMI	BZX84-C12.215		D1 D2 D2 D4 DE DC D	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 Approved course	
	'1071075	DIODE BAV70S SMD BAV70S,115			D1,D2,D3,D4,D5,D6,D	,, / PCS.	2 Approved source	
		J						

	14	T	E E:1-	
	Manufacturer Philips	Type BAV70S.115	E-File	
'1071114	SMD ZENERDIODE BZX84-B8V2 BZX84-B8V2,215	BAV/03.113	Z1	1 Pcs. 3 Free source
	Manufacturer	Time	E-File	
	Pan Jit Semiconducto	Type BZX84B8V2-AU_R1_000A	E-FIIE	
	PHIL.SEMI	BZX84-B8V2,215		
	Philips	BZX84-B8V2,215		
	Vishay	BZX84B8V2 T/R 7" / Panjit		
'1072009	SMD MOS TRANSISTOR 2N7002-215 2N7002,215		Q1	1 Pcs. 2 Approved source
	Manufacturer	Туре	E-File	
	NXP	2N7002-215	2.110	
	PHILSEMI	2N7002,215		
	PHIL.SEMI	2N7002.215		
14.072020	Philips	2N7002TR-LF	07	4.8 2.4
'1072030	TRANSISTOR BC847BS, SOT363 BC847BS,115		Q7	1 Pcs. 2 Approved source
	Manufacturer	Туре	E-File	
	Diodes Incorporated	BC847BS-7-F		
	PHIL.SEMI	BC847BS		
	PHIL.SEMI	BC847BS,115		
'1072054	SMD RF NPN TRANSISTOR	Tuna	Q5 E-File	1 Pcs. 2 Approved source
	Manufacturer Infineon Technologie	Туре	E-FIIE	
	Infineon Technologie	BFR 181W H6327		
	Infineon Technologie	BFR181WE6327		
'1072069	BF1201WR N-channel dual-gate		Q6	1 Pcs. 2 Approved source
	Komponent til HB20			
	N-channel dual-gate MOS-FET			
	Manufacturer	Туре	E-File	
	NXP	BF1201WR		
1400000	NXP	BF1201WR,115		
'1073025	SMD El. Cap. 10uF 35V 10uF/35V		C16	1 Pcs. 2 Approved source
	Manufacturer	Type	E-File	
	Nic Components	UWX1V100MCL1GB		
	Nichicon	UWX1V100MCL1GB		
	NIPP		C5,C10	2 Pcs. 2 Approved source
11072026				
'1073026	0805 SMD CAP 1nF 50V 10% X7R	10%	•	2 res. 2 Approved source
'1073026	Manufacturer	10% Type	E-File	2 res. 2 Approved source
'1073026	Manufacturer AVX Corporation	Type 08055C102KAT2A		2 rcs. 2 Approved source
'1073026	Manufacturer AVX Corporation AVX Corporation	Type 08055C102KAT2A 08055C102KAT2A		2 rcs. 2 Approved source
'1073026	Manufacturer AVX Corporation AVX Corporation Kemet	Type 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC		2 rts. 2 Approved source
'1073026	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A		2 rts. 2 Approved source
'1073026 '1073056	Manufacturer AVX Corporation AVX Corporation Kemet	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621		4 Pcs. 2 Approved source
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621	E-File	
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623	E-File	
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC 2238 580 15621 2238 580 15623  Type 2222 580 15649	E-File C1,C2,C3,C11	
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC	E-File C1,C2,C3,C11	
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC 2238 580 15621 2238 580 15623  Type 2222 580 15649	E-File C1,C2,C3,C11	
	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R	Type 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649	E-File C1,C2,C3,C11 E-File C4,C7	
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer	Type 08055C102KAT2A 08055C102KSRAC C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649 Type	E-File C1,C2,C3,C11 E-File	4 Pcs. 2 Approved source
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata	Type 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C1218104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L	E-File C1,C2,C3,C11 E-File C4,C7	4 Pcs. 2 Approved source
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L	E-File C1,C2,C3,C11 E-File C4,C7	4 Pcs. 2 Approved source
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata	Type 08055C102KAT2A 08055C102KAT2A C0805C102K5RAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C1218104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L	E-File C1,C2,C3,C11 E-File C4,C7	4 Pcs. 2 Approved source
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Yageo	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21R871C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663	E-File C1,C2,C3,C11 E-File C4,C7	4 Pcs. 2 Approved source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Samsung Vageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Yageo	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C121B104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663	E-File C1,C2,C3,C11 E-File C4,C7 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source
'1073056	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 0805 CAPACITOR 47pF 5%	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105	E-File  C1,C2,C3,C11  E-File  C4,C7 E-File	4 Pcs. 2 Approved source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Yageo Yageo 0805 CAPACITOR 47pF 5% Manufacturer	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C121B104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM27R305K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type	E-File C1,C2,C3,C11 E-File C4,C7 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 0805 CAPACITOR 47pF 5%	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105	E-File  C1,C2,C3,C11  E-File  C4,C7 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo Yageo Vageo Vageo Was CAPACITOR 47pF 5% Manufacturer Samsung	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C121B104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM27R305K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type	E-File  C1,C2,C3,C11  E-File  C4,C7  E-File  C23  E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Yageo 1805 CAPACITOR 47pF 5% Manufacturer Samsung Samsung Manufacturer Murata Murata Murata Murata Murata Murata Murata Samsung Samo OSOS CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM2716STA01L GRM2716STA01L GRM2716STA01L GRM2716STA01L GRM2716STA01L GRM27105KA01L GRM	E-File  C1,C2,C3,C11  E-File  C4,C7 E-File  C23 E-File  C8,C28	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source
'1073056 '1073075 '1073081 '1073098	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 1805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Sishay Vishay	Type 08055C102KAT2A 08055C102KAT2A C0805C102KSRAC 2238 S80 15621 2238 S80 15623  Type 2222 580 15649 C121B104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type C121C470JBANNNC Type	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File	4 Pcs. 2 Approved source  2 Pcs. 2 Approved source  1 Pcs. 2 Approved source  2 Pcs. 3 Free source
'1073056 '1073075	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 0805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0805 CAPACITOR 47pF 5% Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2C22 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File C9,C26	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source
'1073056 '1073075 '1073081 '1073098	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 1805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Sishay Vishay	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 C121B104KBCNNNC C121B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM2XF71C105KA01L GRM2XF71C105KA01L GRM2XF71C105KA01L GRM2XF71C105KA01L Type C121C470JBANNNC  Type VJ0603 A 471 J X A A C 56 VJ0603A471JXACW1BC Type	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File	4 Pcs. 2 Approved source  2 Pcs. 2 Approved source  1 Pcs. 2 Approved source  2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Yageo SMO CAP 10F 50V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo Yageo Yageo Yageo Yageo SMO 603 CAP 470pF 5% Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2C22 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File C9,C26	4 Pcs. 2 Approved source  2 Pcs. 2 Approved source  1 Pcs. 2 Approved source  2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo 1805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Murata	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21SR7105K16U5 2222 240 15663 2C0805KKX7R6BB105  Type CL21C470JBANNNC  Type V10603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File C9,C26	4 Pcs. 2 Approved source  2 Pcs. 2 Approved source  1 Pcs. 2 Approved source  2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 10F 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yag	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C 1H100JA01D	C1,C2,C3,C11 E-File C4,C7 E-File C23 E-File C8,C28 E-File C9,C26	4 Pcs. 2 Approved source  2 Pcs. 2 Approved source  1 Pcs. 2 Approved source  2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 10F 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Vageo Yageo Yag	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C 1H100JA01D	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Yageo Yageo 0805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Murata Murata Vishay SMD 0603 CAP 2.2pF .25p NPO 50 Komp. til HB12 RF SMD 0603 CAP 2.2pt .25p NPO 50V	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C1H100JA01D VJ 0603 A 100 J X A A C	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 10F 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Vageo Yageo Yag	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM40X7R105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C 1H100JA01D	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Vageo Vageo Vageo Vageo Vageo Vageo Vageo Vageo SAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Murata Murata Murata Vishay SMD 0603 CAP 2.2pF .25p NPO 50 Komp. til HB12 RF SMD 0603 CAP 2.2p±.25p NPO 50V Manufacturer AVX Corporation PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C405KA0L GRM21BR71C405KA0L Type GRM21BR71C405KA0L Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C1H100JA01D VJ 0603 A 100 J X A A C  Type 06035A2R2CAT2A 2238 867 15228	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source
'1073056  '1073075  '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Murata Murata Murata Yageo Yageo 0805 CAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Murata Murata Vishay SMD 0603 CAP 2.2pF .25p NPO 50 Komp. til HB12 RF SMD 0603 CAP 2.2p±.25p NPO 50V Manufacturer AVX Corporation PHYCOMP PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM27105K16U5 2222 240 15663 2222 780 15663 CC0805KKX7R6BB105  Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C1H100JA01D VJ 0603 A 100 J X A A C  Type 06035A2R2CAT2A	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File  C24 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source
'1073056 '1073075 '1073081 '1073098 '1073102	Manufacturer AVX Corporation AVX Corporation Kemet PHYCOMP Yageo 0805 SMD CAP 100nF 50V 10% X7R 50V +-10% Manufacturer PHYCOMP Samsung Samsung Yageo 0805 SMD CAP 1uF 10V 10% X7R Manufacturer Murata Murata Murata Murata Yageo Yageo Vageo Vageo Vageo Vageo Vageo Vageo Vageo Vageo SAPACITOR 47pF 5% Manufacturer Samsung SMD 0603 CAP 470pF 5% 50V NPO Manufacturer Vishay Vishay SMD 0603 CAP 10pF 5% NPO 50V Manufacturer Murata Murata Murata Vishay SMD 0603 CAP 2.2pF .25p NPO 50 Komp. til HB12 RF SMD 0603 CAP 2.2p±.25p NPO 50V Manufacturer AVX Corporation PHYCOMP	Type 08055C102KAT2A 08055C102KAT2A 08055C102KSRAC 2238 580 15621 2238 580 15621 2238 580 15623  Type 2222 580 15649 CL21B104KBCNNNC CL21B104KBCNNND 2238 580 15649  Type GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C105KA01L GRM21BR71C405KA0L GRM21BR71C405KA0L Type GRM21BR71C405KA0L Type CL21C470JBANNNC  Type VJ0603 A 471 J X A A C 5G VJ0603A471JXACW1BC  Type GRM 1885C 1H 100JA01D GRM1885C1H100JA01D VJ 0603 A 100 J X A A C  Type 06035A2R2CAT2A 2238 867 15228	C1,C2,C3,C11 E-File  C4,C7 E-File  C23 E-File  C8,C28 E-File  C9,C26 E-File	4 Pcs. 2 Approved source 2 Pcs. 2 Approved source 1 Pcs. 2 Approved source 2 Pcs. 3 Free source 2 Pcs. 3 Free source

	CNAD OCO3 CAD EC ~ E0/ NIDO EO//				
	SMD 0603 CAP 56p 5% NP0 50V	T	E E11-		
	Manufacturer	Туре	E-File		
	PHYCOMP	2238 867 15569			
	PHYCOMP	2238 8671 5569			
	PHYCOMP	CC0603JRNPO9BN560			
'1073128	SMD0603 C 6.8pF +-0.25p NP050V		C6,C27	2 Pcs.	1 Single source
	Manufacturer	Туре	E-File		
	AVX Corporation	06035A6R8CAT2A			
	Kemet	C0603C689C5GAC			
	Murata	GRM1885C1H6R8CZ01D			
'1074205	PIC18F24K20T-I/SSC03		U1	1 Pcs.	1 Single source
	Manufacturer	Туре	E-File		
	MICROCHIP TECHNOLOGY	PIC18F24K20T-I/SSC03			
	MICROCHIP TECHNOLOGY	PIC18F25K20T-I/SSC03			
'1074214	MCP1702 3V3 LOW DROP VOLT.REG		U2	1 Pcs.	2 Approved source
	Manufacturer	Type	E-File		
	MICROCHIP TECHNOLOGY	MCP1702T-3302E/CB			
'10907058-E	PCB 10907058 rev. E			1 Pcs.	1 Single source