

LINAK A/S  
Bill of material  
Part number :  
Part number  
'10HBLPUSL009-C-0

Date 02.10.2015

|  | 10HBLPUSL009-C-0     | Item name                      | CCN                  | E-File | Position          | Number | Unit | Classification              |
|--|----------------------|--------------------------------|----------------------|--------|-------------------|--------|------|-----------------------------|
|  | '1008203             | BATTERY CLIP AA ANGLED No.629  |                      |        | S19,S24           | 2      | Pcs. | 2 Approved source           |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  | '1058123             | LED GREEN LOW PROFILE          | 629                  |        | D20               | 1      | Pcs. | 2 Approved source           |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  | '10SMDHBLPUSL009-C-0 | Kingbright                     |                      |        | WP63GD            | 1      | Pcs. |                             |
|  | 'DOKUE22-06-310-B    | 10SMDHBLPUSL009-C-0            |                      |        |                   | 0      | Pcs. |                             |
|  | '10SMDHBLPUSL009-C-0 | ASSEMBLY FOR 10HBLPUSLXXX      |                      |        |                   |        |      |                             |
|  | '1070050             | R 100R 5% 0805                 |                      |        | R1                | 1      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Rohm                           | MCR10EZHJ101         |        |                   |        |      |                             |
|  |                      | Vishay                         | CRCW0805100RJNEA     |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805JR-07100RL     |        |                   |        |      |                             |
|  |                      | Yageo                          | RC11/100R            |        |                   |        |      |                             |
|  | '1070079             | R 0R0 0805                     |                      |        | R2                | 1      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805JR-070RL       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC11/0R              |        |                   |        |      |                             |
|  | '1070091             | R 10K0 1% 0805                 |                      |        | R8,R13            | 2      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | 2322 734 61003       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805FR-0710KL      |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805FR-1310KL      |        |                   |        |      |                             |
|  |                      | Yageo                          | RC12H/10K            |        |                   |        |      |                             |
|  | '1070103             | R 1M0 5% 0805                  |                      |        | R9                | 1      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805JR-071ML       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC085JRF071M         |        |                   |        |      |                             |
|  |                      | Yageo                          | RC11/1M/10 K REEL    |        |                   |        |      |                             |
|  | '1070140             | R 4K7 1% 0805                  |                      |        | R4,R5             | 2      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | 2322 734 64702       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805FR-074K7L      |        |                   |        |      |                             |
|  |                      | Yageo                          | RC12H/4K7            |        |                   |        |      |                             |
|  | '1070157             | R 47R0 1% 0805                 |                      |        | R6,R7             | 2      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | 2322 734 64709       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805FRF0747R       |        |                   |        |      |                             |
|  |                      | Yageo                          | RC1206FR-0747RL      |        |                   |        |      |                             |
|  |                      | Yageo                          | RC12H/47R            |        |                   |        |      |                             |
|  | '1070226             | 1206 SMD RESISTORARRAY 4X10K   |                      |        | R3                | 1      | Pcs. | 2 Approved source           |
|  |                      | 5%                             |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | ARV241/10K           |        |                   |        |      |                             |
|  |                      | Yageo                          | YC164-JR-0710KL      |        |                   |        |      |                             |
|  | '1070357             | R 15R 1% 0805 1/8W             |                      |        | R12               | 1      | Pcs. | 4 Free source minus Samsung |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Yageo                          | RC0805FR-0715RL      |        |                   |        |      |                             |
|  | '1071017             | SMD DIODE DOUBLE BAV70-215     |                      |        | D1,D13            | 2      | Pcs. | 2 Approved source           |
|  |                      | BAV70,215                      |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | NXP                            | BAV70,215            |        |                   |        |      |                             |
|  |                      | NXP                            | BAV70/T1             |        |                   |        |      |                             |
|  |                      | Yangjie                        | MMBD4148CC SOT23     |        |                   |        |      |                             |
|  | '1071024             | SMD GREEN LED                  |                      |        | D8,D9,D10,D11,D12 | 5      | Pcs. | 1 Single source             |
|  |                      | CL-170YG-CD-T                  |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Citizen                        | CL-170YG-CD-T        |        |                   |        |      |                             |
|  | '1071071             | SMD ZENERDIODE BZX84-C12.215   |                      |        | Z2                | 1      | Pcs. | 2 Approved source           |
|  |                      | BZX84-C12,215                  |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | NXP                            | BZX84-C12.215        |        |                   |        |      |                             |
|  | '1071094             | SMD diode double array BAW56S  |                      |        | D2,D3,D4,D5,D6,D7 | 6      | Pcs. | 2 Approved source           |
|  |                      | BAW56S,115                     |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | NXP                            | BAW56S,115           |        |                   |        |      |                             |
|  | '1072009             | SMD MOS TRANSISTOR 2N7002-215  |                      |        | Q1                | 1      | Pcs. | 2 Approved source           |
|  |                      | 2N7002,215                     |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | NXP                            | 2N7002,215           |        |                   |        |      |                             |
|  |                      | NXP                            | 2N7002TR-LF          |        |                   |        |      |                             |
|  | '1072030             | TRANSISTOR BC847BS, SOT363     |                      |        | Q7                | 1      | Pcs. | 2 Approved source           |
|  |                      | BC847BS,115                    |                      |        |                   |        |      |                             |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Diodes Incorporated            | BC847BS-7-F          |        |                   |        |      |                             |
|  |                      | NXP                            | BC847BS              |        |                   |        |      |                             |
|  |                      | NXP                            | BC847BS,115          |        |                   |        |      |                             |
|  | '1072117             | MOS-Fet, N-Ch, SOT-23, LOW Vgs |                      |        | Q9                | 1      | Pcs. | 2 Approved source           |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Rohm                           | RTR040N03            |        |                   |        |      |                             |
|  |                      | Vishay                         | Si2336DS-T1-GE3      |        |                   |        |      |                             |
|  |                      | Vishay                         | Si2336DS-T1-GE3TR-ND |        |                   |        |      |                             |
|  | '1073025             | SMD El. Cap. 10uF 35V          |                      |        | C16               | 1      | Pcs. | 2 Approved source           |
|  |                      | Manufacturer                   | Type                 |        |                   |        |      |                             |
|  |                      | Nic Components                 | UWX1V100MCL1GB       |        |                   |        |      |                             |
|  |                      | Nichicon                       | UWX1V100MCL1GB       |        |                   |        |      |                             |
|  | '1073026             | 0805 SMD CAP 1nF 50V 10% X7R   |                      |        | C20               | 1      | Pcs. | 2 Approved source           |

|             |   |   |                                   |                  |  |
|-------------|---|---|-----------------------------------|------------------|--|
|             | Manufacturer<br>AVX Corporation<br>Kemet<br>Yageo<br>Yageo  | Type<br>08055C102KAT2A<br>C0805C102KSRAC<br>2238 580 15621<br>2238 580 15623  |                                   |                  |  |
| '1073056    | 0805 SMD CAP 100nF 50V 10% X7R<br>Manufacturer  | Type<br>CL21B104KBCNNNC<br>CL21B104KBCNNND<br>CC0805KRX7R9BB104   | C2,C3,C11,C19,C25,C26,C27,C28,C29 | 9 Pcs.           | 2 Approved source                      |
| '1073075    | Samsung<br>Samsung<br>Yageo<br>0805 SMD CAP 1uF 10V 10% X7R<br>Manufacturer   | Type<br>GRM21BR71C105KA01L<br>GRM21BR71C105KAOIL<br>GRM40X7R105K16U5<br>2222 240 15663<br>2222 780 15663<br>CC0805KKX7R6BB105 | C1,C4,C7,C18,C21                  | 5 Pcs.           | 2 Approved source                      |
| '1073084    | Murata<br>Murata<br>Murata<br>Yageo<br>Yageo<br>Yageo<br>0805 CAPACITOR 1.5pF 50V<br>Manufacturer                                   | Type<br>2238 8611 5158  | C12                               | 1 Pcs.           | 2 Approved source                      |
| '1073095    | Yageo<br>SMD CERAMIC CAP 47uF 6.3V X5R<br>Manufacturer  | Type<br>12106D476KAT2A<br>GRM32ER60J476ME20L  | C15                               | 1 Pcs.           | 3 Free source                          |
| '1073108    | AVX Corporation<br>Murata<br>SMD 0805 CAP 8,2NF 50V 10%<br>Manufacturer   | Type<br>08055C822KAT2A  | C5,C13                            | 2 Pcs.           | 2 Approved source                      |
| '1073119    | AVX Corporation<br>SMD 0603 CAP 4.7pF 5% NP0 50V<br>Komponent til TD33  | C9  |                                   | 1 Pcs.           | 2 Approved source                      |
| '1073122    | Manufacturer<br>Yageo<br>SMD 0603 C 5.6pF 0.5pF NP0 50V<br>C0603 5.6pF 5% 50V<br>Manufacturer                                       | Type<br>CC0603CRNPO9BN4R7   | C23                               | 1 Pcs.           | 3 Free source                          |
| '1073192    | Yageo<br>Yageo<br>0603 CER 12pF 5% 50V COG<br>CAP CER 1n 10% 100V X7R 0805  | Type<br>2238-867-15568<br>CC0603DRNPO9BN5R6   | C14                               | 1 Pcs.           | 3 Free source                          |
| '1073351    | Manufacturer<br>Kemet<br>0603 4.3pF +0.1pF 50V COG<br>Manufacturer  | Type<br>C0805C102K1RAC  | C30                               | 1 Pcs.           | 2 Approved source                      |
| '1073356    | AVX Corporation<br>Kemet<br>Murata<br>Nic Components<br>SMD0603 CAP 8.2pF +0.25p NP0<br>SMD0603 CAP 39pF 5% NP0 50V<br>Manufacturer | Type<br>06035A4R3BAT2A<br>C0603C439B5GAC7867<br>GRM1885C1H4R3BA01<br>NMC0603NPO4R3B50TRPF                                     | C22                               | 1 Pcs.           | 2 Approved source                      |
| '1073368    | Kemet<br>SMD0603 CAP 3pF +0.1p NP0 50<br>Manufacturer   | Type<br>C0603C390J5GAC  | C6,C10<br>C24                     | 2 Pcs.<br>1 Pcs. | 2 Approved source<br>2 Approved source |
| '1073370    | Murata<br>MCP1702 3V3 LOW DROP VOLT.REG<br>Manufacturer   | Type<br>GRM1885C1H3R0BA01D  | C8                                | 1 Pcs.           | 2 Approved source                      |
| '1074214    | MICROCHIP TECHNOLOGY<br>RF-transmitter Si4012<br>Manufacturer   | Type<br>MCP1702T-3302E/CB   | U2                                | 1 Pcs.           | 2 Approved source                      |
| '1074386    | Silicon Laboratories<br>Low Power uC EFM32ZG108F8-QFN2<br>Manufacturer  | Type<br>Si4012-C1001GTR   | U3                                | 1 Pcs.           | 1 Single source                        |
| '1074387    | Silicon Laboratories<br>SMD COIL SRR6028 1mH 0,15A<br>Manufacturer  | Type<br>EFM32ZG108F8-QFN24T   | U1                                | 1 Pcs.           | 1 Single source                        |
| '1075116    | Bourns<br>Bourns<br>Bourns<br>SMD Inductor 0402 270nH 5% RF<br>Manufacturer   | Type<br>652-SRR6028-102Y<br>SRR6028-102Y<br>SRR6028-102YTR-ND   | L6                                | 1 Pcs.           | 2 Approved source                      |
| '1075122    | TDK<br>SMD Inductor 0402 22nH 5% RF<br>Manufacturer   | Type<br>MLK1005SR27JTD25  | L3                                | 1 Pcs.           | 2 Approved source                      |
| '1075123    | TDK<br>SMD Inductor 0402 27nH 5% RF<br>Manufacturer   | Type<br>MLK1005S22NJT25   | L1,L2                             | 2 Pcs.           | 2 Approved source                      |
| '1075124    | TDK<br>SMD Inductor 0402 120nH 5% RF<br>Manufacturer  | Type<br>MLK1005S27NJT25   | L5                                | 1 Pcs.           | 2 Approved source                      |
| '1075125    | TDK<br>SMD Inductor 0402 120nH 5% RF  | L4  |                                   | 1 Pcs.           | 2 Approved source                      |
| '10907483-C | PCB for HC20RFS   |   |                                   | 1 Pcs.           | 2 Approved source                      |