LINAK A/S

Date 03.10.2014 Bill of material Part number : 10HC20RFSL001-C-1 Part number Item name CCN E-File Position Number Unit Classification '10HC20RFSL001-C-1 '1008203

BATTERY CLIP AA ANGLED No.629 S19,S24 2 Pcs. 2 Approved source Manufacturer Туре Keystone '1058076 LED White 5mm GB-333W3C-069 D20 1 Pcs. 2 Approved source Manufacturer Type

LUCKY LIGHT GB-333W3C-069 '10SMDHC20RFSL001-C-1

Manufacturer

Manufacturer Diodes Incorporated

'1070050 R 100R 5% 0805 1 Pcs. 4 Free source minus Samsung R1 Manufacturer Type RC11/100R MCR10EZHJ101 PHYCOMP Rohm Vishay CRCW0805100RJNEA

Yageo R ORO 0805 RC0805JR-07100RL '1070079 R2 1 Pcs. 4 Free source minus Samsung Manufacturer RC11/OR PHYCOMP RC0805JR-070RL

Yageo '1070091 R 10K0 1% 0805 R8,R13 2 Pcs. 4 Free source minus Samsung Manufacturer Type PHYCOMP 2322 734 61003 PHYCOMP RC12H/10K RC0805FR-0710KL Yageo

Yageo RC0805FR-1310KL Yageo RC12H/10K R 1M0 5% 0805 '1070103 1 Pcs. 4 Free source minus Samsung R9 Manufacturer Type RC11/1M/10 K REEL PHYCOMP

RC0805JR-071ML Yageo Yageo R 4K7 1% 0805 RC085JRF071M '1070140 R4,R5 2 Pcs. 4 Free source minus Samsung Manufacturer Туре

PHYCOMP PHYCOMP RC12H/4K7 Yageo R 47R0 1% 0805 RC0805FR-074K7L 1070157 R6.R7 2 Pcs. 4 Free source minus Samsung

Manufacturer Type PHYCOMP 2322 734 64709 PHYCOMP RC12H/47R RC0805FRF0747R Yageo

RC1206FR-0747RL 1206 SMD RESISTORARRAY 4X10K '1070226 1 Pcs. 2 Approved source R3

2322 734 64702

Manufacturer PHYCOMP Type 2350 035 10103L PHYCOMP R 15R 1% 0805 1/8W ARV241/10K 1070357 R12 1 Pcs. 4 Free source minus Samsung Manufacturer Type

RC0805FR-0715RL Yageo SMD DIODE DOUBLE BAV70-215 '1071017 D1.D13 2 Pcs. 2 Approved source

BAV70,215 Manufacturer Type BAV70 Infineon Technologie BAV70,215 BAV70/T1 NXP PHIL.SEMI Philips BAV70,215

Yangjie SMD GREEN LED MMBD4148CC SOT23 '1071024 D8,D9,D10,D11,D12 5 Pcs. 1 Single source CL-170YG-CD

Type CL-170YG-CD-T Citizen '1071071 SMD ZENERDIODE BZX84-C12.215 Z2 1 Pcs. 2 Approved source BZX84-C12,215

Type BZX84-C12.215 Manufacturer PHIL.SEMI '1071094 SMD diode double array BAW56S D2,D3,D4,D5,D6,D7 6 Pcs. 2 Approved source

BAW56S,115 Manufacturer Type BAW56S,115 Philips

SMD MOS TRANSISTOR 2N7002-215 '1072009 Q1 1 Pcs. 2 Approved source 2N7002,215

Manufacturer Type NXP PHIL.SEMI 2N7002,215 2N7002,215 2N7002TR-LF

TRANSISTOR BC847BS, SOT363 '1072030 Q7 1 Pcs. 2 Approved source BC847BS,115

BC847BS BC847BS,115 PHIL.SEMI PHIL.SEMI '1072117 MOS-Fet, N-Ch, SOT-23, LOW Vgs Q9 1 Pcs. 2 Approved source Manufacturer Type RTR040N03

Type BC847BS-7-F

Rohm Vishay SI2336DS '1073025 SMD El. Cap. 10uF 35V C16 1 Pcs. 2 Approved source

10uF/35V Manufacturer

UWX1V100MCL1GB Nic Components

|             | Nichicon                                       | UWX1V100MCL1GB                              |                                   |         |                   |
|-------------|--|---|-----------------------------------|---------|-------------------|
|             | NIPP   | OWXIVIOONCLIGB                              |                                   |         |                   |
| '1073026    | 0805 SMD CAP 1nF 50V 10% X7R                   | 4   | C20                               | 1 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Type  |                                   |         |                   |
|             | AVX Corporation                                | 08055C102KAT2A                              |                                   |         |                   |
|             | Kemet<br>PHYCOMP                               | C0805C102K5RAC<br>2238 580 15621            |                                   |         |                   |
|             | Yageo  | 2238 580 15623                              |                                   |         |                   |
| '1073056    | 0805 SMD CAP 100nF 50V 10% X7R                 |   | C2,C3,C11,C19,C25,C26,C27,C28,C29 | 9 Pcs.  | 2 Approved source |
|             | 50V +-10%                                      | Time  |                                   |         |                   |
|             | Manufacturer<br>PHYCOMP                        | Type<br>2222 580 15649                      |                                   |         |                   |
|             | Samsung  | CL21B104KBCNNNC                             |                                   |         |                   |
|             | Samsung  | CL21B104KBCNNND                             |                                   |         |                   |
| '1073075    | Yageo<br>0805 SMD CAP 1uF 10V 10% X7R          | 2238 580 15649                              | C1,C4,C7,C18,C21                  | 5 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   |         | ,,                |
|             | Murata   | GRM21BR71C105KA01L                          |                                   |         |                   |
|             | Murata<br>Murata                               | GRM21BR71C105KAOIL<br>GRM40X7R105K16U5      |                                   |         |                   |
|             | Yageo  | 2222 240 15663                              |                                   |         |                   |
|             | Yageo  | 2222 780 15663                              |                                   |         |                   |
| '1073084    | Yageo<br>0805 CAPACITOR 1.5pF 50V              | CC0805KKX7R6BB105                           | C12                               | 1 Drs   | 2 Approved source |
| 1073095     | SMD CERAMIC CAP 47uF 6.3V X5R                  |   | C15                               |         | 3 Free source     |
|             | Manufacturer                                   | Туре  |                                   |         |                   |
|             | AVX Corporation<br>Murata                      | 12106D476KAT2A<br>GRM32ER60J476ME20L        |                                   |         |                   |
| '1073108    | SMD 0805 CAP 8,2NF 50V 10%                     | GRIVI32ERBUJ47BIVIEZUL                      | C5,C13                            | 2 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   |         |                   |
| 14070400    | AVX Corporation                                | 08055C822KAT2A                              | 05.040                            |         | 4.61. 1           |
| '1073128    | SMD0603 C 6.8pF +-0.25p NP050V<br>Manufacturer | Type  | C6,C10                            | 2 Pcs.  | 1 Single source   |
|             | AVX Corporation                                | 06035A6R8CAT2A                              |                                   |         |                   |
|             | Kemet  | C0603C689C5GAC                              |                                   |         |                   |
| '1073159    | Murata<br>SMD 0603 CAP 22pF 200V               | GRM1885C1H6R8CZ01D                          | C24                               | 1 Drs   | 2 Approved source |
| 1075155     | Manufacturer                                   | Туре  | C24                               | 1 1 03. | 2 Approved source |
|             | Kemet  | C0603C220J2GAC7867                          |                                   |         |                   |
| '1073351    | CAP CER 1n 10% 100V X7R 0805<br>Manufacturer   | Type  | C30                               | 1 Pcs.  | 2 Approved source |
|             | Kemet  | C0805C102K1RAC                              |                                   |         |                   |
| '1073355    | 0603 2.7pF +-0.1pF 50V C0G                     |   | C9                                | 1 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Type  |                                   |         |                   |
|             | AVX Corporation<br>Murata                      | 06035A2R7BAT<br>GRM1885C1H2R7BA01           |                                   |         |                   |
|             | Nic Components                                 | NMC0603NPO2R7B50TRPF                        |                                   |         |                   |
|             | Nic Components                                 | NMC-L0603NPO2R7B50TRPF                      |                                   |         |                   |
|             | Nic Components<br>Yageo/Phycomp                | NMC-Q0603NPO2R7B50TRPF<br>CC0603BCNPO9BN2R7 |                                   |         |                   |
| '1073354    | 0603 1.8pF +-0.1pF 50V C0G                     |   | C8,C22                            | 2 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   |         |                   |
| '1073356    | Murata<br>0603 4.3pF +-0.1pF 50V C0G           | GRM1885C1H1R8BA01                           | C23                               | 1 Drs   | 2 Approved source |
| 1073330     | Manufacturer                                   | Туре  | 023                               | 1 1 031 | 2 Approved source |
|             | AVX Corporation                                | 06035A4R3BAT2A                              |                                   |         |                   |
|             | Kemet<br>Murata                                | C0603C439B5GAC7867<br>GRM1885C1H4R3BA01     |                                   |         |                   |
|             | Nic Components                                 | NMC0603NPO4R3B50TRPF                        |                                   |         |                   |
| '1073357    | 0603 270pF +-2% 50V C0G                        |   | C14                               | 1 Pcs.  | 2 Approved source |
|             | Manufacturer<br>Murata                         | Type<br>GRM1885C1H271GA01                   |                                   |         |                   |
| '1074214    | MCP1702 3V3 LOW DROP VOLT.REG                  | GMVII005CIN27IGA01                          | U2                                | 1 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   |         |                   |
| '1074386    | MICROCHIP TECHNOLOGY<br>RF-transmitter Si4012  | MCP1702T-3302E/CB                           | U3                                | 1 Dec   | 1 Cingle course   |
| 1074566     | Manufacturer                                   | Type  | US                                | 1 PCS.  | 1 Single source   |
|             | Silicon Laboratories                           | Si4012-C1001GTR                             |                                   |         |                   |
| '1074387    | Low Power uC EFM32ZG108F8-QFN2                 | Time  | U1                                | 1 Pcs.  | 1 Single source   |
|             | Manufacturer<br>Silicon Laboratories           | Type<br>EFM32ZG108F8-QFN24T                 |                                   |         |                   |
| '1075115    | SMD 220nH RF 0402                              |   | L3                                | 1 Pcs.  | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   |         |                   |
| '1075116    | TDK<br>SMD COIL SRR6028 1mH 0,15A              | MLK1005SR22J                                | L6                                | 1 Pcs   | 2 Approved source |
|             | Manufacturer                                   | Туре  |                                   | . 23.   |                   |
| 14075447    | Bourns   | SRR6028-102Y                                |                                   |         |                   |
| '1075117    | SMD 18nH RF 0402<br>Manufacturer               | Type  | L1,L2,L5                          | 3 Pcs.  | 2 Approved source |
|             | TDK  | MLK1005S18NJTD25                            |                                   |         |                   |
| '1075118    | SMD 56nH RF 0402                               |   | L4                                | 1 Pcs.  | 2 Approved source |
|             | Manufacturer<br>TDK                            | Type MLK1005S56NITD25                       |                                   |         |                   |
| '10907483-C | PCB for HC20RFS                                | MLK1005S56NJTD25                            |                                   | 1 Pcs.  | 2 Approved source |
|             |  |   |                                   |         |                   |