

Board Number MB1171
 BOM release D-3
 Designer name
 Oct 3rd 2018

| Quantity | Description | Reference | Version | Package | Manufacturer 1 | Part#1 | Distributor | Order code | Fitted | Supplied by |
|----------|--|------------------------|---------|--------------|--------------------|----------------------------------|-------------|------------|--------|--------------------------|
| 1 | ST25R95-VMD5T | U1 | | VFQFPN32_5x5 | STMicroelectronics | ST25R95-VMD5T | ST | | | delivered by ST |
| 1 | NX2016SA 27.12MHz EXS00A-CS01188 27.12MHz | Y1 | | NX2016 | NDK | NX2016SA 27.12MHz EXS00A-CS01188 | | | | no double source allowed |
| 2 | LED, 1206, GREEN Green Led | LED1, LED3 | | LED-1206 | DIALIGHT | 5988270107F | Farnell | 1466000 | | |
| 2 | LED, 1206, BLUE Blue Led | LED2, LED4 | | LED-1206 | DIALIGHT | 5988291107F | Farnell | 2113953 | | |
| 1 | FILTER, SUPPRESSION, 0603, 1UF, 6.3VDC NFM18PS105R0J3D | FL1 | | NFM18PS | Murata | NFM18PS105R0J3D | Farnell | | | no double source allowed |
| 2 | FERRITE CMS 600OHM. 0805 742792042 | L1, L2 | | 0805 | WURTH ELEKTRONIK | 742792042 | Farnell | 1635716 | | no double source allowed |
| 1 | FERRITE CMS 2200OHM. 0805 742792093 | L3 | | 0805 | WURTH ELEKTRONIK | 742792093 | Farnell | 1635726 | | no double source allowed |
| 2 | Inductor SMD 0805, LQM21NNR56K10D 560nH | L4, L5 | | 0805 | Murata | LQM21NNR56K10D | Radiospare | 786-7087 | | no double source allowed |
| 4 | CONDENSATEUR MLCC 0603 NP0 50V 2% NC | C11, C12, Cb, Cc | | 0603 | Murata | | | | N | |
| 2 | CONDENSATEUR MLCC 0603 NP0 50V 5% 10pF | C16, C17 | | 0603 | | | Farnell | 1759053 | | |
| 2 | CONDENSATEUR MLCC 0603 NP0 50V 2% 39pF | C8, C15 | | 0603 | Murata | GRM1885C1H390GA01 | | | | no double source allowed |
| 1 | CONDENSATEUR MLCC 0603 NP0 50V 2% 82pF | Ca | | 0603 | Murata | GRM1885C1H820GA01 | | | | no double source allowed |
| 4 | CONDENSATEUR MLCC 0603 NP0 50V 2% 100pF | C9, C10, C13, C14 | | 0603 | Murata | GRM1885C1H101GA01 | | | | no double source allowed |
| 1 | CONDENSATEUR MLCC 0603 NP0 50V 5% 1nF | C7 | | 0603 | | | Farnell | 1759089 | | |
| 2 | CONDENSATEUR MLCC 0603 NP0 50V 5% 10nF | C3, C5 | | 0603 | | | Farnell | 1833871 | | |
| 2 | CONDENSATEUR MLCC 0603 NP0 50V 5% 100nF | C1, C6 | | 0603 | | | Farnell | 1740621 | | |
| 2 | 293D TANTAL SMD POL CAP 1uF 16V 10% Boitier A 1µF | C2, C4 | | 293D-A | | | Farnell | 1754174 | | |
| 5 | Resistance CMS 0603 0,1W 5% NC | R5, R8, R14, R15, Rq | | 0603 | | | | | N | |
| 4 | Resistance CMS 0603 0,1W 5% 0 | R6, R7, R16, R17 | | 0603 | | | | | | |
| 2 | Resistance CMS 0603 0,1W 5% 180 | R1, R3 | | 0603 | | | | | | |
| 2 | Resistance CMS 0603 0,1W 5% 330 | Z-RX1, Z-RX2 | | 0603 | | | | | | |
| 2 | Resistance CMS 0603 0,1W 5% 1k | R2, R4 | | 0603 | | | | | | |
| 5 | Resistance CMS 0603 0,1W 5% 3.3k | R9, R10, R11, R12, R13 | | 0603 | | | | | | |
| 1 | RECEPTACLE, 2.54MM, SINGLE ROW, 10WAY | CN1 | | 1*10P_FEMALE | Samtec | SSQ-110-03-L-S | Farnell | 2283783 | | Take care pin length |
| 1 | RECEPTACLE, 2.54MM, SINGLE ROW, 6 WAY | CN3 | | 1*6P_FEMALE | Samtec | SSQ-106-03-L-S | Farnell | 2283759 | | Take care pin length |
| 2 | RECEPTACLE, 2.54MM, SINGLE ROW, 8WAY | CN2, CN4 | | 1*8P_FEMALE | Samtec | SSQ-108-03-L-S | Farnell | 2283782 | | Take care pin length |
| 2 | Connector 1PT | ST1, ST2 | | CON_1PTS | FCI | 77311-401-36LF | Farnell | 1097954 | N | |