**IDX=6 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 10 (2/8) FLT: CL10B103KB8NNNC**
**Value: .01UF**
**Package: SM0603**
**Description: CAP CER X7R 50V**

**Ref Des:** `C15 C16 C2 C20 C21 C22 C3 C4 C5 C6`

**IDX=7 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 5 (0/5) FLT: CL21B104KBFNNNG**
**Value: .1UF**
**Package: SM0805 or SM0705**
**Description: CAP CER X7R 50V**

**Ref Des:** `C11 C13 C14 C7 C8`

**IDX=8 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: 885012007057**
**Value: 100PF**
**Package: SM0805 or SM0705**
**Description: CAP CER NPO 50V**

**Ref Des:** `C12`

**IDX=9 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (2/0) FLT: 10UF/35V**
**Value: 10UF/35V**
**Package: SMP_M6032 EIA: SM2312**
**Description: CAP TANTALUM**

**Ref Des:** `C10 C17`

**IDX=10 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (2/0) FLT: F931C106KBA**
**Value: 10UF**
**Package: SMP_M3528 EIA: SM1210**
**Description: CAP TAN**

**Ref Des:** `C1 C9`

**IDX=11 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (1/1) FLT: Do NOT Install**
**Value: N/A .01UF**
**Package: SM0603**
**Description: N/A Not Applicable**

**Ref Des:** `C18 C19`

**IDX=12 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (0/1) FLT: BAV99-7-F**
**Value: BAV99**
**Package: SOT23-3**
**Description: DIODE**

**Ref Des:** `D4`

**IDX=13 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: SS26SHE3_B/H**
**Value: SS26SHE3_B/H**
**Package: DO214AC**
**Description: SCHOTTKY DIODE 2A/60V**

**Ref Des:** `DS1`

**IDX=15 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 3 (3/0) FLT: 0008580110**
**Value: 0008580110**
**Package: HARDWARE_CONTACT**
**Description: CONTACT**

**Ref Des:** `HW2 HW3 HW4`

**IDX=16 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: 0009503031**
**Value: 0009503031**
**Package: HARDWARE_HOUSING**
**Description: CONN HOUSING LATCH 3**

**Ref Des:** `HW1`

**IDX=17 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: P14-8RHT6-M**
**Value: P14-8RHT**
**Package: HARDWARE_CONTACT**
**Description: RING TERMINAL**

**Ref Des:** `HW5`

**IDX=18 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: 0026605030**
**Value: 0026605030**
**Package: HDR156-03**
**Description: CONNECTOR-MOLEX R/A**

**Ref Des:** `J3`

**IDX=19 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: 75869-131LF**
**Value: 75869-131LF**
**Package: HDR_2X3**
**Description: CONNECTOR**

**Ref Des:** `J1`

**IDX=20 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0) FLT: 825-22-010-10-004101**
**Value: 825-22-004-10-00X101**
**Package: HDR_1X4_825**
**Description: POGO PIN ASSY 10**

**Ref Des:** `J1P`

**IDX=21 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: Do NOT Install**
**Value: N/A**
**Package: SJ-252X**
**Description: N/A Not Applicable**

**Ref Des:** `J3M`

**IDX=22 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: SJ-2524-SMT-TR**
**Value: SJ-2524**
**Package: SJ-252X**
**Description: CONN JACK STEREO**

**Ref Des:** `J3S`

**IDX=23 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: SJ-3524-SMT-TR**
**Value: SJ-3524**
**Package: SJ-352X**
**Description: CONN JACK STEREO**

**Ref Des:** `J2`

**IDX=24 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: AIAP-03-102K**
**Value: 1mH**
**Package: AIAP-03**
**Description: INDUCTOR**

**Ref Des:** `L1A`

**IDX=26 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: Do NOT Install**
**Value: N/A**
**Package: SM1812**
**Description: N/A Not Applicable**

**Ref Des:** `L1`

**IDX=31 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: DMP6023LE-13**
**Value: DMP6023LE**
**Package: SOT223**
**Description: MOSFET P-CH 60V 7A**

**Ref Des:** `Q2`

**IDX=32 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: ZXMN6A07FTA**
**Value: ZXMN6A07**
**Package: SOT23-3**
**Description: MOSFET N-CHANNEL 1.2A/60V**

**Ref Des:** `Q1`

**IDX=33 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 6 (1/5)** **FLT: M55342K12B10E0TW**
**Value: 10.0K**
**Package: SM0603**
**Description: RES THK-FLM**

**Ref Des:** `R12 R4 R5 R6 R7 R9`

**IDX=34 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: M55342K12B100ETW**
**Value: 100K**
**Package: SM0603**
**Description: RES THK-FLM**

**Ref Des:** `R15`

**IDX=35 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (2/0)** **FLT: M55342K06B10D0TW**
**Value: 100**
**Package: SMR0805-41**
**Description: RES THK-FLM**

**Ref Des:** `R2 R3`

**IDX=36 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (0/1)** **FLT: M55342K12B100DTW**
**Value: 100**
**Package: SM0603**
**Description: RES THK-FLM**

**Ref Des:** `R14`

**IDX=37 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: PTV09A-4030F-B103**
**Value: 10K**
**Package: PTV09-A4**
**Description: POT 10K OHM**

**Ref Des:** `R1`

**IDX=38 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (0/1)** **FLT: M55342K06B2E49TW**
**Value: 2.49K**
**Package: SM0805 or SM0705**
**Description: RES THK-FLM**

**Ref Des:** `R10`

**IDX=39 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (1/1)** **FLT: M55342K06B4E99TW**
**Value: 4.99K**
**Package: SM0805 or SM0705**
**Description: RES THK-FLM**

**Ref Des:** `R11 R8`

**IDX=40 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: M55342K06B47D5TW**
**Value: 47**
**Package: SM0805 or SM0705**
**Description: RES THK-FLM**

**Ref Des:** `R13`

**IDX=41 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: Do NOT Install**
**Value: N/A**
**Package: SM0603**
**Description: N/A Not Applicable**

**Ref Des:** `R16`

**IDX=42 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: KMR221NG-LFS**
**Value: KMR221**
**Package: SW_KMR2**
**Description: SWITCH PUSH BUTTON**

**Ref Des:** `SW2`

**IDX=44 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: SN74LVC1G11DBVR**
**Value: 74LVC1G11**
**Package: SOT23-6**
**Description: LOGIC GATE AND**

**Ref Des:** `U2`

**IDX=45 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: SN74LVC2G14DBVR**
**Value: 74LVC2G14**
**Package: SOT23-6**
**Description: LOGIC GATE INVERT ST**

**Ref Des:** `U3`

**IDX=47 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 2 (0/2)** **FLT: LMV321IDBVR**
**Value: LMV321**
**Package: SOT23-5**
**Description: OP AMP**

**Ref Des:** `U4 U5`

**IDX=48 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: Z8F0423SB005EG**
**Value: Z8F0423**
**Package: SO8**
**Description: EZ8 PROCESSOR 4K**

**Ref Des:** `U1`

**IDX=49 BRD=A102_73192 Time=2021-03-24T18:15**

**Qty: 1 (1/0)** **FLT: LT1117CST-3.3#TRPBF**
**Value: LT1117CST-3.3**
**Package: SOT223**
**Description: VOLTAGE REGULATOR 3.3V**

**Ref Des:** `VR1`

```
LAST LABEL -> 36 labels for A102_73192_A <- LAST LABEL
Label FIle Generated: 2021-03-24T18:15
BOM ULP: bom_2019_45.ulp V2.45a;    09 NOV 2020
Master Parts: /usr/local/eagle-6.5.0/db/master_parts_list.gse
Drawing Number: 2D354-102-73192.A
Use Avery 5162/5262/5522 or equivalent
```