**“BILL OF MATERIAL”**

**FOR**

**DISPLAY 17”**

**(P.O No: BEPO / E3 / 4000396523 DATED: 22-08-2023)**

**DATASOL PART NUMBER: DBPL-17HD-01**

**BEL PART NUMBER: 4805 126 607 87**

**PREPARED BY: CHECKED BY: APPROVED BY:**

**PURUSHOTHAM REDDY (DATASOL REP.) RAJMOHAN.K (DATASOL REP.) DR. RAVI KUMAR (DATASOL REP.)**

**DESG: APPLICATION ENGG. MANAGER QUALITY MANAGER**

**SIGNATURE: SIGNATURE: SIGNATURE:**

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| **A1: COTS PRODUCTS BOM** | | | | | | |
| **S. NO** | **PART NO** | **DESCRIPTION** | **QTY /UNIT** | **QTY /50 UNITS** | **OPERATING TEMP** | **MANUFACTURER** |
| **1** | **M170ETN01-V1** | **17” TFT LCD Backlight Display, 1280x1024 resolution, 250Nits, 85/85/80/80 Viewing angle, 16.7M colour, 1000:1 contrast ratio** | **1** | **50** | **0° to +50°C** | **BEYOND INFINITE** |
| **2** | **RTD2513V2.0** | **AD Board with 1280x1024 resolution, LVDS & Backlight Cables, VGA and DVI Interface** | **1** | **50** | **0° to +50°C** | **BEYOND INFINITE** |
| **3** | **JX-08D05V1** | **Invertor board with cables** | **1** | **50** | **0° to +50°C** | **BEYOND INFINITE** |
| **4** | **GST90A12-P1M** | **80W, 12V, 6.67A AC to DC Power Adaptor** | **1** | **50** | **-30° to +70°C** | **MEAN WELL** |

|  |  |  |  |  |  |  |
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| **A2: MISCELLEANEOUS BOM** | | | | | | |
| **S. NO** | **PART NO** | **DESCRIPTION** | **QTY /UNIT** | **QTY /50 UNITS** | **OPERATING TEMP** | **MANUFACTURER** |
| **1** | **EPC-67522.0** | **3-Pin power cord** | **1** | 50 | **-20° to +85°C** | **L-COM** |
| **2** | **NA** | **5M VGA Male to Male Cable** | **1** | 50 | **NA** | **NT TECH / STD.** |
| **3** | **L712AS** | **DC power female connector** | **1** | **50** | **-20° to +65°C** | **SWITCHCRAFT** |
| **4** | **761KS17** | **DC Power male Connector** | **1** | **50** | **-20° to +65°C** | **SWITCHCRAFT** |
| **5** | **620004113322** | **Headers & Wire Housings WR-WTB 2mm Female 4Pin Terminal Hsng for AD board 12V** | **1** | **50** | **-25° to +85°C** | **WURTH ELEKTRONIK** |
| **6** | **62000113722DEC** | **Female pins for above connector** | **2** | **100** | **-25° to +85°C** | **WURTH ELEKTRONIK** |
| **7** | **DBPL-17HD-MEM-PAD-01** | **Membrane keypad with connector** | **1** | **50** | **NA** | GVS ELECTRONICS |
| **8** | **DBPL-PB-17** | **Packing Box** | **1** | **50** | **NA** | **PACKLAB** |