CRT XYZ Display board Revised: 2020/05/30

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| **Item** | **Quantity** | **Reference** | **Part** | **Description** | **Remarks** |
| 1 | 8 | C9,C10,C11,C12,C13,C14,C15,C26 | 22nF 500V | C1206 |  |
| 2 | 1 | C8 | 100pF |  |  |
| 3 | 1 | C7 | 470pF |  |  |
| 4 | 1 | C4 | 2.2nF | Polyester capacitor |  |
| 5 | 7 | C2,C3,C29,C34,C35,C36,C38 | 0.1uF |  |  |
| 6 | 3 | C5,C32,C37 | 1uF |  |  |
| 7 | 2 | C22,C23 | 1uF 50V | Electrolytic capacitor|1uF|50V |  |
| 8 | 2 | C20,C21 | 2.2uF 400V | Electrolytic capacitor|2.2uF|400V | 4.7uF 400V |
| 9 | 5 | C16,C17,C24,C25,C33 | 10uF 25V | Electrolytic capacitor  |10uF|25V|5x11mm | 10uF 50V |
| 10 | 2 | C18,C19 | 10uF 50V | Solid state capacitance  |10uF|50V|6.3x8mm |  |
| 11 | 2 | C27,C28 | 100uF 35V | Solid state capacitance  |100uF|35V|6.3x11mm | 100uF 25V |
| 12 | 1 | C1 | 1000uF 25V | Electrolyticcapacitor |1000uF|25V|10x20mm |  |
| 13 | 12 | D1,D2,D3,D4,D5,D6,D7,D8,D9,D14,D15,D20 | UF4007 |  |  |
| 14 | 16 | D10,D11,D12,D13,D16,D17,D18,D19,D22,D2  3,D26,D27,D30,D31,D34,D35 | 1N4148 |  |  |
| 15 | 1 | D39 | P6KE18A |  |  |
| 16 | 1 | F1 | F2A | Fuse | 2A | quick break |  |
| 17 | 1 | F2 | F1A | Fuse | 1A | quick break |  |
| 18 | 1 | HS1 | HS-2 | Heat sink |  |
| 19 | 1 | J1 | VH-2 | VH3.96 2P socket |  |
| 20 | 1 | J2 | VH-6 | VH3.96 6P socket |  |
| 21 | 1 | J6 | VH-5 | VH3.96 5P socket |  |
| 22 | 1 | J7 | XH-6 | XH2.54 6P socket |  |
| 23 | 1 | J5 | XH-8 | XH2.54 8P socket |  |
| 24 | 2 | L1,L2 | 100uH |  |  |
| 25 | 1 | NL1 | NL5MM | Neon bubble|5mm |  |
| 26 | 1 | Q1 | MPSA06 |  |  |
| 27 | 1 | Q2 | 2N3904 |  |  |
| 28 | 1 | Q3 | IRF540N |  |  |
| 29 | 4 | Q4,Q5,Q10,Q11 | MPSA56 |  |  |
| 30 | 8 | Q6,Q7,Q8,Q9,Q12,Q13,Q14,Q15 | MPSA44 |  |  |
| 31 | 1 | Q16 | 2N3906 |  |  |
| 32 | 1 | R26 | 0.1R |  |  |
| 33 | 1 | R2 | 10R |  |  |

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| 34 | 10 | R54,R55,R56,R57,R59,R60,R61,R64,R65,R67 | 100R |  |  |
| 35 | 1 | R19 | 330R |  |  |
| 36 | 6 | R52,R53,R58,R62,R63,R66 | 1K |  |  |
| 37 | 4 | R33,R34,R42,R43 | 2K |  |  |
| 38 | 1 | R9 | 2.49K |  |  |
| 39 | 1 | R4 | 3.3K |  |  |
| 40 | 8 | R16,R18,R30,R31,R32,R39,R40,R41 | 5.1K |  |  |
| 41 | 1 | R1 | 7.5K |  |  |
| 42 | 4 | R6,R68,R69,R70 | 10K |  |  |
| 43 | 5 | R10,R24,R48,R49,R50 | 100K |  |  |
| 44 | 2 | R7,R8 | 150K |  |  |
| 45 | 8 | R28,R29,R35,R36,R37,R38,R44,R45 | 220K |  |  |
| 46 | 1 | R51 | 510K |  | 330K |
| 47 | 1 | R15 | 5.1M |  |  |
| 48 | 2 | R21,R46 | 1M | Potentiometer|1M|3362S |  |
| 49 | 1 | R20 | 2M | Potentiometer|2M|3362S |  |
| 50 | 1 | T1 | T-SC-1 | transformer |  |
| 51 | 1 | U1 | UC3843 |  |  |
| 52 | 1 | U3 | 6N137 |  |  |
| 53 | 2 | U6,U8 | 78L05 |  |  |
| 54 | 1 | U7 | 79L05 |  |  |
| 55 | 2 | U1,U3 | IC socket|8P round hole |  |  |