

INFN sezione di Padova

Laboratorio di Elettronica

Data: 30/08/2016

Progetto: Power Monitor V2

| PartName | Count | RefDes list | Property name | Property value |
|--------------------------|-------|---|--|-------------------|
| 1N4007 | 2 | D1,D3 | RS part number | 774-3278 |
| PMBT3904 | 10 | TR1, TR3, TR4, TR5, TR6, TR7, TR8, TR9, TR10, TR11 | RS part number | 545-0343 |
| 74LVC1G125W5-7 | 2 | U9, U10 | RS part number | 751-2812 |
| ADS7846EG4 | 1 | U2 | RS part number | 660-7571 |
| AT25DF321A | 1 | U11 | RS part number | 715-3928 |
| Aria_G25 | 1 | CPU1 | www.acmesystems.it | ARIAG25-256 |
| KBP206G | 2 | B1, B2 | RS part number | 751-4464 |
| CONN_FLAT_VM_20 | 2 | J13, display adapter | RS part number | 674-1246 |
| DMN3404L | 2 | MF1, MF2 | RS part number | 751-4171 |
| DS2482_100 | 1 | U3 | RS part number | 732-7551 |
| FT230XS-R | 1 | U12 | RS part number | 757-0010 |
| Fuse_TH_22mm | 1 | F1 | RS part number | 765-2973 |
| ISO1540D | 1 | U4 | RS part number | 825-3079 |
| LED_CBI_564-0100-132 | 1 | LED1 | Mouser | 645-564-0100-132F |
| LM4040A30IDBZ | 1 | D2 | RS part number | 809-6343 |
| MCP120-300i/TT | 1 | U8 | RS part number | 667-4199 |
| MIC2005-0.5YM6 | 1 | U7 | RS part number | 727-5361 |
| MICRO_SD | 1 | SD1 | RS part number | 670-2430 |
| Phoenix Contact 1890963 | 1 | J20 | RS part number | 804-5118 |
| Phoenix Contact 1731721 | 2 | J2, J3 | RS part number | 189-5966 |
| Phoenix Contact 1731734 | 1 | J1 | RS part number | 189-5972 |
| NTR1P02T1 | 1 | Q1 | RS part number | 688-9143 |
| PULSANTE_KSLV_H | 1 | P47 | RS part number | 102-349 |
| Polyfuse_2920L075 | 2 | F2, F3 | RS part number | 895-1647 |
| PortaBatteria_S8411-45R | 1 | BAT1 | Mouser | 855-S8411-45R |
| R-78B3.3-1.5L | 1 | U1 | RS part number | 672-7158 |
| RJ45-SI-60062-F | 1 | J16 | RS part number | 741-8489 |
| SMAJ5.0A | 1 | TVS1 | RS part number | 710-3484 |
| TE Connectivity 280370-2 | 3 | J10, J11, J12 | RS part number | 232-9814 |
| Molex 22-27-2031 | 1 | J19 | RS part number | 483-8477 |
| TE Connectivity 280371-2 | 3 | J7, J8, J9 | RS part number | 232-9836 |
| TLP185 | 4 | U5, U6, U13, U14 | RS part number | 769-0259 |
| Trasformatore FL10/8 | 1 | T1 | RS part number | 201-7072 |
| USB_TypeB | 1 | J17 | RS part number | 515-1967 |
| USB_TypeB_Mini | 1 | J18 | RS part number | 666-1099 |
| CELV_10000u_25V | 1 | CE1 | Digi-Key | 493-8611-ND |
| CEL_C_47uF_16V | 1 | C4 | | |
| C_0805_100nF X7R | 21 | C1, C2, C3, C5, C6, C7, C8, C9, C14, C15, C16, C18, C19, C22, C23, C24, C25, C26, C28, C29, C31 | | |
| C_0805_10nF X7R | 3 | C20, C21, C27 | | |
| C_0805_1uF X7R | 3 | C10, C11, C12 | | |
| C_0805_2u2F X7R | 2 | C33, C34 | | |

| | | | | |
|-----------------|----|---|----------------|----------|
| C_1206_10uF X7R | 2 | C13, C17 | | |
| C_1206_47uF X7R | 2 | C30, C32 | | |
| JUMPER_TH | 3 | J6, J14, J15 | RS part number | 720-5637 |
| PAD_TH060D032RD | 52 | P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P30, P31, P32, P33, P34, P35, P36, P37, P38, P39, P40, P41, P42, P43, P44, P45, P46, P48, P49, P50, P51, P52, P53 | | |
| RES_0805_100_1% | 1 | R15 | | |
| RES_0805_10K_1% | 18 | R4, R7, R9, R10, R13, R14, R20, R27, R28, R29, R34, R36, R38, R42, R43, R44, R53, R55 | | |
| RES_0805_10_1% | 1 | R16 | | |
| RES_0805_15K_1% | 1 | R49 | | |
| RES_0805_1K5_1% | 2 | R40, R41 | | |
| RES_0805_1K_1% | 14 | R5, R6, R11, R12, R19, R21, R30, R31, R32, R33, R35, R37, R50, R54 | | |
| RES_0805_220_1% | 12 | R17, R18, R24, R25, R26, R39, R45, R46, R47, R56, R57, R58 | | |
| RES_0805_22K_1% | 1 | R48 | | |
| RES_0805_27_1% | 2 | R51, R52 | | |
| RES_0805_470_1% | 1 | R3 | | |
| RES_0805_4K7_1% | 1 | R59 | | |
| RES_1206_5R6_1% | 2 | R1, R2 | RS part number | 794-4190 |

INFN sezione di Padova

Laboratorio di Elettronica

Data: 14/07/2016

Progetto: Display Adapter

| PartName | Count | RefDes list | Property name | Property value |
|----------------------|-------|-------------|----------------|----------------|
| C_0805_100nF X7R | 1 | C1 | | |
| C_1206_47uF X7R | 1 | C2 | | |
| CONN_FLAT_VM_40_2.54 | 1 | J1 | RS part number | 681-6851 |
| CONN_FLAT_VM_20 | 1 | J2 | RS part number | 674-1246 |
| RES_0805_100_1% | 2 | R1,R2 | | |