| | CAP 220+F 16V | Value | vesignator | Quantity |
|--|--|--|---|----------|
| 220nF 16V 0603 | CAP 220nF 16V ± 10% 0603 (1608 Metric) Thickness 1mm SMD | 220nF | C1, C11, C12, C11 | |
| | CAP 100nF 16V ± 20% 0603 (1608 Metric) Thickness Imm SMD | | C2, C3, C4, C5, C6, C8, C9, C14, C19, | |
| 100nF 16V 0603 | Metric) Thickness Imm SMD CAP 1 of 25V = 10% | 100nF | CB, C9, C14, C19, C28 | |
| | CAP 1uF 25V ± 10% 0603 (1608 Metric) Thickness 1mm | | | |
| TuF 25V 0603 | SMD CAP 100HF 16V | 1uf | C7, C10 | |
| CAP 100mF 16V 0603(1608) | s 20% 0603 (1608 Metric) Thickness Imm SMD | 100nF | C15, C16, C17, C18 | |
| | Aluminum Electrolytic Capacitors (SMD | | | |
| EEEFK1E470P | Type) CAP 100nF 16V | 47uf | C20, C21, C24, C25 | |
| CAP 100nF 16V 0603 | Capacitors (SMD Type) CAP 100nf 16V ±20% 0603 (1608 Metric) Thickness Imm SMD CAP 1uf 10V ± 10% 0603 (1608 Metric) Thickness Imm SMD | 10046 | em | |
| | CAP 1uF 10V ± 10% 0603 (1608 Metric) | Total I | | |
| 1uF 10V 0603 | Thickness 1mm SMD CAP 2.2uf 16V | 1uf | C23 | |
| | ± 10% 0603 (1608 Metric) Thickness | | | |
| 2.2uF 16V 0603 | 1mm SMD LED, SMT, 0603(1608), 1.1mm | 2.2uf | C26, C27 DS1, DS2, DS3, | |
| KP-1608MGC | | | DS1, DS2, DS3, DS4 | |
| 744777910 | SMD-Shielded Power Inductor WE-PD, L = 10.0 | | | |
| 744777910 Harwin M20- | μΗ Connector Header Through Hole 2 | | 11,12 | |
| 9990245 | | | P1 | |
| Harwin M20- 9980745 | Connector Header Through Hole 7x2 position | | P2 | |
| | Mini-Fit 2: Header, 4 Circuits, Dual Row, Right- Angle, with Snap- in Plastic Peg PCB Lock, PA | | | |
| | Angle, with Snap- in Plastic Peg PCB | | | |
| | Lock, PA Polyamide Nylon 6/6 94V-0, 2.54um | | | |
| 39-30-0040 | Lock, PA Polyamide Nylon &/5 94V-0, 2.54µm Matte Tin (Sn) Plating | 39-30-0040 | P3, P9 | |
| | Misson Fit 7 D Blocks | | | |
| | Angle Header, Dual Row, 10 Circuits, with Snap in Plastic Peg PCB | | 1 | |
| Molex 430451000 | More fit 70 Block | | P4 | |
| | Angle Header, 3.00mm Pitch, | 1 | 1 | |
| | Dual Row, 6 Circuits, with Snap in Plastic Pen IC® | | 1 | |
| | Angle Header, 3.00mm Pitch, Dual Row, 6 Circuits, with Snap In Plastic Peg PCB Lock, Tin, Glow- Wire Capable, Riberk | 1 | | |
| Molex 430450600 Harwin M20- | Black Connector Header Through Hole 3 | | P5, P6, P8 | |
| Harwin M20- 9990345 | position | - | P7 | |
| | Angle Header, 3.00mm Pitch, Dual Row, 8 Circuits, with Snap In Plastic Peg PCB Lock, Tin, Glow- Wire Capable, Riberk | 1 | 1 | |
| | Circuits, with Snap in Plastic Peg PCB | 1 | 1 | |
| Molex 430450600 | Lock, Tin, Glow- Wire Capable, Black | 1 | P10 | |
| | Black Mini-Fit Iz: Header, 2 Circuits, Dual Row, Right- Angle, with Snap- in Plinitic Peg PCB Lock, PA Polyamide Nylon 6/8 94V-0, 2.54µm Matte Tin (Sn) Plating | | | |
| | Dual Row, Right- Angle, with Snap- | 1 | 1 | |
| | Lock, PA Polyamide Nylon | | | |
| | 6/6 94V-0, 2.54µm Matte Tin (Sn) | 39-30-0020 | | |
| Molex 39-30-0020 | Plating 6 Pos. Male SIL Vertical | 34-30-0020 | P11 | |
| M2D-9990646 | Throughboard | | P12, P13 | |
| | 30V 6.6A N- CHANNEL ENHANCEMENT MODE MOSFET | | | |
| DMN3026LVT | MODE MOSFET N-channel 20V | | 01, 02 | |
| RU1C001UNTCL | MODE MOSFET N-channel 20V 100mA Small Signal MOSFET DUAL N-CHANNEL ENHANCEMENT | | Q3 | |
| DMN63D8LDW | ENHANCEMENT MODE MOSFET 120R 0.125W 5% | | 04, 05 | |
| 120R 5% 0805 | 120R 0.125W 5% 0805 (2012 Metric) SMD | 1200 | 91 | |
| | 100K 0.1W 1% 0603 (1608 Metric) | | | |
| 100K 1% 0603 | SMD 10K 0 1W 1% 0601 | 100000.00 Ohm | R2, R3, R5 | |
| | 10K 0.1W 1% 0603 (1608 Metric) SMD | 1000000 Ohm | R4, R6, R7, R31 | |
| 10K 1% 0603 | | | | |
| 10K 1% 0603 | 22K 0.1W 5% 0603 (1608 Metric) SMD | 2200000 Ohm | R8, R14 | |
| 22K 5% 0603 | (1608 Metric) SMD | 2200000 Ohm 3300000 Ohm | R8, R14 R9, R15 | |
| 22K 5% 0603 33K 5% 0603 | (1608 Metric) SMD 33K 0.1W 5% 0603 (1608 Metric) SMD | 2200000 Ohm 3300000 Ohm | R8, R14 R9, R15 | |
| 22K 5% 0603 33K 5% 0603 5K1 1% 0603 | (1608 Metric) SMD 33K 0.1W 5% 0603 (1608 Metric) SMD 5K1 0.1W 1% 0603 (1608 Metric) SMD | 2200000 Ohm 3300000 Ohm 510000 Ohm | R8, R14 R9, R15 R10, R16 R11, R12, P13 | |
| 22K 5% 0603 33K 5% 0603 | 33K 0.1W 5% 0603 (1608 Metric) SMD 5K1 0.1W 1% 0603 (1608 Metric) SMD 10K 0.1W 5% 0603 (1608 Metric) SMD | 2200000 Ohm 3300000 Ohm 510000 Ohm | RB, R14 R9, R15 R10, R16 R11, R12, R13, R17, R18, R19, R37 | |
| 22K 5% 0603 33K 5% 0603 5K1 1% 0603 | 33K 0.1W 5% 0603 (1608 Metric) SMD 5K1 0.1W 1% 0603 (1608 Metric) SMD 10K 0.1W 5% 0603 (1608 Metric) SMD | 2200000 Ohm 3300000 Ohm 510000 Ohm 100000 Ohm | RE, R14 R9, R15 R10, R16 R11, R12, R13, R17, R18, R19, R37 R20, R21, R22 | |
| 22K 5% 0603 33K 5% 0603 5K1 1% 0603 10K 5% 0603 | (1608 Metric) 3MD 33K 0.1W 5% 0603 (1608 Metric) 3MD 5K1 0.1W 1% 0603 (1608 Metric) 3MD 1008 Metric) 3MD 1008 Metric) 3MD 1008 Metric) 3MD 1008 Metric) 3MD 2008 0.1W 5% 0603 (1608 Metric) 3MD 2008 0.1W 5% | 2200000 Ohm 3300000 Ohm 5100 00 Ohm 100000 Ohm 1000 00 Ohm | R20, R21, R22 | |
| 22K 5% 0603 33K 5% 0603 5K1 1% 0603 10K 5% 0603 | (1608 Metric) SMD 33K 0.1W 5% 0603 (1608 Metric) SMD 5K1 0.1W 1% 0603 (1608 Metric) SMD 10K 0.1W 5% 0603 (1608 Metric) SMD 1K 0.1W 5% 0603 (1608 Metric) SMD 220R 0.1W 5% 0803 1608 Metric) SMD 0003 (1608 Metric) | 2200000 Ohm 3300000 Ohm 5100.00 Ohm 1000000 Ohm 1000.00 Ohm | | |
| 22K 5% 0403 33K 5% 0403 33K 5% 0403 5K1 1% 0403 10K 5% 0403 1K 5% 0403 220R 5% 0403(1408) | (1608 Metric) SMD SMC 1W 5% cod3 (1608 Metric) SMD SK1 0.1W 1% cod3 (1608 Metric) SMD 16X 0.1W 5% cod3 (1608 Metric) SMD 16X 0.1W 5% cod3 (1608 Metric) SMD 0603 (1608 Metric) SMD 0603 (1608 Metric) SMD 3mmper Ged3 (1608 Metric) 10 mrGhrss 15% 0.25W, 144W Chip Resistor Cod9 | 2200000 Ohm 3300000 Ohm 5100 00 Ohm 1000000 Ohm 100000 Ohm 22000 Ohm | R20, R21, R22 | |
| 22K 5% 0403 33K 5% 0403 33K 5% 0403 5K1 1% 0403 10K 5% 0403 1K 5% 0403 220R 5% 0403(1408) | (1808 Metric) SMD SK1 0.1W 5% 6663 (1608 Metric) SMD SK1 0.1W 1% 0603 (1608 Metric) SMD SK1 0.1W 1% 0603 (1608 Metric) SMD 1K 0.1W 5% 6603 (1608 Metric) SMD 2003 (1608 Metric) SMD 2003 (1608 Metric) SMD 3003 (1608 Metric) SMD 10 mChrm 15% 0.25W, 1/4W Chip Resistor 0503 (2012 Metric) | 2200000 Ohm 3100000 Ohm 5100.00 Ohm 1000000 Ohm 10000 O Ohm 220.00 Ohm | R20, R21, R22 | |
| 23K 5% 0603 33K 5% 0603 33K 5% 0603 5K1 1% 0603 10K 5% 0603 10K 5% 0603 220R 5% 0603(1608) Jumper 0603(1608) | (1608 Metric) 3MD 3M O. 1W 5% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 3M 5M 5M 5M 5M 5M 5M 5M 5M 0003 (1608 Metric) 3MD 3mrper 603 (1608 Metric) 10 mGhres a 5% 6M 5M | 2200000 Ohm 3300000 Ohm 3300000 Ohm 100000 Ohm 100000 Ohm 220.00 Ohm 0.00 Ohm | R20, R21, R22 | |
| 22K 5% 0603 33K 5% 0603 3K1 1% 0603 10K 5% 0603 1K 5% 0603 220R 5% 0603(1608) Jumper 0603(1608) | (1608 Metric) 3MD 3M O. 1W 5% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 3M 5M 5M 5M 5M 5M 5M 5M 5M 0003 (1608 Metric) 3MD 3mrper 603 (1608 Metric) 10 mGhres a 5% 6M 5M | 2200000 Ohm 3300000 Ohm 3100000 Ohm 1100000 Ohm 1100000 Ohm 1100000 Ohm 0 Ohm 0 Ol Ohm | R20, R21, R22 | |
| 23K 5% 0603 33K 5% 0603 33K 5% 0603 5K1 1% 0603 10K 5% 0603 10K 5% 0603 220R 5% 0603(1608) Jumper 0603(1608) | (1608 Metric) 3MD 3M O. 1W 5% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 5K1 0. 1W 1% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 1K 0. 1W 5% cod3 (1608 Metric) 3MD 3M 5M 5M 5M 5M 5M 5M 5M 5M 0003 (1608 Metric) 3MD 3mrper 603 (1608 Metric) 10 mGhres a 5% 6M 5M | 0.00 Ohm | R20, R21, R22 | |
| 22K 5% 0803 3K 5% 0803 OK1 1% 0803 OK1 1% 0803 IOK 5% 0803 IOK 5% 0803 OK1 1% 0803 | (1808 Metric) SMD SK1 0.1W 5% 6603 (1608 Metric) SMD SK1 0.1W 1% 0603 (1608 Metric) SMD SK1 0.1W 1% 0603 (1608 Metric) SMD 1K 0.1W 5% 6603 (1608 Metric) SMD 2003 (1608 Metric) SMD 2003 (1608 Metric) SMD 3003 (1608 Metric) SMD 1001 (1608 Metric) SMD 1001 (1608 Metric) SMD 1001 (1608 Metric) SMD 5MD 10 mChrm 15% 0.25W, 1/4W Chip Resistor 0003 (2012 Metric) (2012 Metric) (2012 Metric) (2012 Metric) (2012 Metric) | 0.00 Ohm | R20, R21, R22 | |
| 22K 5% 0403 23K 5% 0403 33K 5% 0403 35K 11% 0403 10K 5% 0403 10K 5% 0403 22GR 5% 0403(1404) 0406 0406 0406 0406 0406 0406 0406 | (1000 Melenic) SMD. | 0.00 Ohm | R20, R21, R22 | |
| 226 1% 0003 336 5% 0003 336 5% 0003 351 1% 0003 351 1% 0003 355 5% 0003 376 5% 0003 376 5% 0003 376 5% 144W 355 5% 144W 355 5% 145 0003 3676 1% 0003 377 1% 0003 377 1% 0003 | 200 Meleni, 3400. 21 G 199 55 GGG (1000 Meleni, 3400. 21 G 199 15 GGG 22 G 199 15 GGG 23 G 2 G 2 G 199 15 GGG 24 G 2 G 2 G 199 15 GGG 24 G 2 G 2 G 2 G 2 G 2 G 2 G 2 G 2 G 2 G | 0.00 Ohm | R20, R21, R22 | |
| 22K 5% 0403 23K 5% 0403 33K 5% 0403 35K 11% 0403 10K 5% 0403 10K 5% 0403 22GR 5% 0403(1404) 0406 0406 0406 0406 0406 0406 0406 | 200 Mening 3400. 210 G 199 She George 200 G 1000 Mening 3400 Mening 3 | 0.00 Ohm | R20, R21, R22 | |
| 226 1% 0003 336 5% 0003 336 5% 0003 351 1% 0003 351 1% 0003 355 5% 0003 376 5% 0003 376 5% 0003 376 5% 144W 355 5% 144W 355 5% 145 0003 3676 1% 0003 377 1% 0003 377 1% 0003 | 1000 Meleni, 3400. 1100 Selection, 3400. 110 | 0.00 Ohm | R20, R21, R22 | |
| 22K 5% 0603 33K 5% 0603 SKI 11% 0603 SKI 11% 0603 10K 5% 0603 10K 5% 0603 10K 5% 0603 20K 10K 0603 0 01K 5% 0603 | 1000 Melening SAUD. 1001 Melening SAUD. 1010 M | 0.00 Ohm 0.01 Ohm 56000.00 Ohm 55000.00 Ohm 105000.00 Ohm | 825, 821, 822 823, 824, 825, 826 827 828 829 820 823 824 823 824 825 826 827 | |
| 22K 1% 0003 33K 5% 0003 5K1 1% 0003 5K1 1% 0003 1K 5% 0003 1K 5% 0003 1K 5% 0003 220R 5% 0003(160R) 0.018 5% 1/4W 0005 6KR 1% 0003 20K 1% 0003 20K 1% 0003 | 1000 Melening SAUD. 1001 Melening SAUD. 1010 M | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 825, 821, 822, 826, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 827, 828, 828 | |
| 22K 5% 0603 33K 5% 0603 SKI 11% 0603 SKI 11% 0603 10K 5% 0603 10K 5% 0603 10K 5% 0603 20K 10K 0603 0 01K 5% 0603 | 1000 Melening SAUD. 1001 Melening SAUD. 1010 M | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 825, 821, 822 823, 824, 825, 826 827 828 829 820 823 824 823 824 825 826 827 | |
| 22K 1% 0003 23K 1% 0003 25K 17% 0003 | 1000 Melening SAUD. 1001 Melening SAUD. 1010 M | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 825, 821, 822 823, 824, 825, 826 827 828 829 820 823 824 823 824 825 826 827 | |
| 22K 5% 0603 33K 5% 0603 SKI 11% 0603 SKI 11% 0603 10K 5% 0603 10K 5% 0603 10K 5% 0603 20K 10K 0603 0 01K 5% 0603 | Tool Mental, Such College (1) and Such College (1) | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 825, 821, 822 823, 824, 825, 826 827 828 829 820 823 824 823 824 825 826 827 | |
| 22K 1% 0003 23K 1% 0003 25K 17% 0003 | TIGOS Menters SHOP 12 AND 12 A | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 825, 821, 822 823, 824, 825, 826 827 828 829 820 823 824 823 824 825 826 827 | |
| 228 5% 0403 236 5% 0403 501 1% 0403 501 1% 0403 106 3% 0403 106 3% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 105 105 105 105 105 105 105 105 105 | Tool Marketing Subtle State Control of the State Co | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 28 15 500 138 11 500 138 11 500 101 11 500 1 | Tool Marketing Subtle State Control of the State Co | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 228 5% 0403 236 5% 0403 501 1% 0403 501 1% 0403 106 3% 0403 106 3% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 5% 0403 105 105 105 105 105 105 105 105 105 105 | 100 Medical 2000. 21 S. E. W. 19 S. Godd 2000. 21 S. Godd 2000. 21 S. Godd 2000. 21 S. W. 19 S. | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 28 15 500 138 11 500 138 11 500 101 11 500 1 | 10 of | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 2013 600 2013 6 | 10 To | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 22/15/80/2 22/15/80/2 12/15/80/2 10/15/ | 100 March 200 Ma | 0.00 Ohm 0.01 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.000000 Ohm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 2013-002 2013-0 | 100 March 200 Ma | 0.00 Chm 0.01 Chms 5400000 Chm 61K9 2005 2000 Chm 1050000 Chm 200000 Chm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 22/15/80/2 22/15/80/2 12/15/80/2 10/15/ | 100 March 200 Ma | 0.00 Ohm 0.01 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.000000 Ohm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |
| 2013-002 2013-0 | 10 To | 0.00 Ohm 0.01 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.00000 Ohm 9.000000 Ohm | 620, 621, 622, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 626, 627, 628, 628, 628, 628, 628, 628, 628, 628 | |







