QFHMIX01B

C1   10uF/16V   Capacitors_SMD:C_1210_HandSoldering
   1x {'Datasheet': '', 'Distributor': '', 'Tstamp': '5A69A30C', 'Ref': 'C1', 'UST_ID': 'C1210_10u', 'Value': '10uF/16V', 'Footprint': 'Capacitors_SMD:C_1210_HandSoldering'}

R12, R16, R9   1k5   Mlab_R:SMD-0603
   3x {'Datasheet': '', 'Tstamp': '5A4C5F52', 'Value': '1k5', 'Ref': 'R9', 'Footprint': 'Mlab_R:SMD-0603'}

L1, L12, L14, L15, L16, L17, L18, L2, L3, L4, L8, L9   680nH   Mlab_L:SMD-0805
   12x {'Datasheet': '', 'Tstamp': '5BC20D43', 'Ref': 'L9', 'MFPN': 'AIML-0603-R68K-T', 'Value': '680nH', 'Footprint': 'Mlab_L:SMD-0805'}

M1, M2, M3, M4, M5, M6, M7, M8   HOLE   Mlab_Mechanical:MountingHole_3mm
   8x {'Datasheet': '', 'Tstamp': '5C1DCA4F', 'Value': 'HOLE', 'Ref': 'M8', 'Footprint': 'Mlab_Mechanical:MountingHole_3mm'}

L10, L11, L13, L5, L6, L8   10nH   Mlab_L:SMD-0805
   6x {'Datasheet': '', 'Tstamp': '5A4B95FC', 'Ref': 'L8', 'MFPN': 'LQW18AN10NG00D', 'Value': '10nH', 'Footprint': 'Mlab_L:SMD-0805'}

C17, C19, C31, C37, C39, C42   10pF   Mlab_C:C_0805
   6x {'Datasheet': '', 'Tstamp': '5A542B2D', 'Value': '10pF', 'Ref': 'C42', 'Footprint': 'Mlab_C:C_0805'}

D2   M4   Diodes_SMD:D_SMA
   1x {'Datasheet': '', 'Tstamp': '55622FB7', 'Value': 'M4', 'Ref': 'D2', 'Footprint': 'Diodes_SMD:D_SMA'}

U3, U7   AD8343   kicad-libraries-master:TSSOP14
   2x {'Datasheet': '', 'Tstamp': '5A4C9C13', 'Value': 'AD8343', 'Ref': 'U7', 'Footprint': 'kicad-libraries-master:TSSOP14'}

L19, L20, L21, L22   BLM21PG331SN1D   Mlab_L:SMD-0805
   4x {'Datasheet': '', 'Tstamp': '5B7CF7F1', 'Ref': 'L22', 'MFPN': 'BLM21PG331SN1D', 'Value': 'BLM21PG331SN1D', 'Footprint': 'Mlab_L:SMD-0805'}

C10, C2, C47, C52, C54, C55, C58, C59, C60, C7, C8, C9   100nF   Mlab_C:SMD-0603_narrow
   12x {'Datasheet': '', 'Package': '', 'Tstamp': '5A6AE877', 'UST_ID': 'C0603_10n', 'Ref': 'C9', 'Note': '', 'price_final': '', 'price_predicted': '', 'Value': '100nF', 'Footprint': 'Mlab_C'

R31, R34, R35, R37   75   Mlab_R:SMD-0603
   4x {'Datasheet': '', 'Tstamp': '5A59D2C7', 'Value': '75', 'Ref': 'R37', 'Footprint': 'Mlab_R:SMD-0603'}

R10, R11, R14, R15, R17, R18, R19, R20, R54, R6, R7, R8   47   Mlab_R:SMD-0603
   12x {'Datasheet': '', 'Tstamp': '5AB9145F', 'Value': '47', 'Ref': 'R8', 'Footprint': 'Mlab_R:SMD-0603'}

D1, D3, D4, D5, D6, D7, D8, D9   BAS70-04   TO_SOT_Packages_SMD:SOT-23
   8x {'Datasheet': 'https://www.diodes.com/assets/Datasheets/ds11005.pdf', 'Tstamp': '5A7FC72A', 'Value': 'BAS70-04', 'Ref': 'D9', 'Footprint': 'TO_SOT_Packages_SMD:S

C12, C13, C23, C24, C32, C33, C43, C44   4.7pF   Mlab_C:C_0805
   8x {'Datasheet': '', 'Tstamp': '5A506B7D', 'Value': '4.7pF', 'Ref': 'C44', 'Footprint': 'Mlab_C:C_0805'}

U10   Si53322   Housings_DFN_QFN:QFN-16-1EP_3x3mm_Pitch0.5mm_ThermalVias
   1x {'Datasheet': '', 'Tstamp': '5A50CAA9', 'Value': 'Si53322', 'Ref': 'U10', 'Footprint': 'Housings_DFN_QFN:QFN-16-1EP_3x3mm_Pitch0.5mm_ThermalVias'}

R42, R43, R44, R45   200   Mlab_R:SMD-0603
   4x {'Datasheet': '', 'Tstamp': '5B6152E1', 'Value': '200', 'Ref': 'R45', 'Footprint': 'Mlab_R:SMD-0603'}

R40, R41   83   Mlab_R:SMD-0603
   2x {'Datasheet': '', 'Tstamp': '5A6351C2', 'Value': '83', 'Ref': 'R41', 'Footprint': 'Mlab_R:SMD-0603'}

C21, C28, C29, C36, C63, C65   100nF   Mlab_C:C_0805
   6x {'Datasheet': '', 'Package': '', 'Tstamp': '5A91AD9B', 'UST_ID': 'C0805_100n', 'Ref': 'C65', 'Note': '', 'price_final': '', 'price_predicted': '', 'Value': '100nF', 'Footprint': 'Mla

U9   NCP1117ST50   TO_SOT_Packages_SMD:SOT-223-3_TabPin2
   1x {'Datasheet': 'http://www.diodes.com/datasheets/AP1117.pdf', 'Tstamp': '5AA08E3A', 'Value': 'NCP1117ST50', 'Ref': 'U9', 'Footprint': 'TO_SOT_Packages_SMD:SOT-

J1   +9V   Mlab_Pin_Headers:Straight_2x03
   1x {'Datasheet': '', 'Tstamp': '549D65BC', 'Value': '+9V', 'Ref': 'J1', 'Footprint': 'Mlab_Pin_Headers:Straight_2x03'}

R36   100   Mlab_R:SMD-0603
   1x {'Datasheet': '', 'Tstamp': '5A59DA73', 'Value': '100', 'Ref': 'R36', 'Footprint': 'Mlab_R:SMD-0603'}

C20, C40   10nF   Mlab_C:C_0603
   2x {'Datasheet': '', 'Tstamp': '5A5FD855', 'Ref': 'C40', 'UST_ID': 'C0603_10n', 'Value': '10nF', 'Footprint': 'Mlab_C:C_0603'}

C27, C30   18pF   Mlab_C:C_0805
   2x {'Datasheet': '', 'Tstamp': '5AAC7E12', 'Ref': 'C30', 'UST_ID': 'C0805_100n', 'Value': '18pF', 'Footprint': 'Mlab_C:C_0805'}

U1, U5   MPGA-105+   maxrez:DL1020
   2x {'Datasheet': '', 'Tstamp': '5A4DE3F4', 'Value': 'MPGA-105+', 'Ref': 'U5', 'Footprint': 'maxrez:DL1020'}

C18, C38   8.2pF   Mlab_C:C_0805
   2x {'Datasheet': '', 'Tstamp': '5A50F38C', 'Ref': 'C38', 'UST_ID': 'C0805_8p2', 'Value': '8.2pF', 'Footprint': 'Mlab_C:C_0805'}

R29, R30, R38, R39   120   Mlab_R:SMD-0603
   4x {'Datasheet': '', 'Tstamp': '5A881B15', 'Value': '120', 'Ref': 'R39', 'Footprint': 'Mlab_R:SMD-0603'}

U4   LT6604-10   maxrez:UFF_QFN34
   1x {'Datasheet': '', 'Tstamp': '5A467482', 'Value': 'LT6604-10', 'Ref': 'U4', 'Footprint': 'maxrez:UFF_QFN34'}

J2   HEADER_1x08   maxrez:IDC381-8-110
   1x {'Datasheet': '', 'Tstamp': '5A87055F', 'Value': 'HEADER_1x08', 'Ref': 'J2', 'Footprint': 'maxrez:IDC381-8-110'}

C11, C14, C15, C22, C25, C26, C34, C35, C45, C46, C61, C62, C64, C66   10nF   Mlab_C:C_0805
   14x {'Datasheet': '', 'Tstamp': '5A52F8AB', 'Value': '10nF', 'Ref': 'C66', 'Footprint': 'Mlab_C:C_0805'}

U8   LM1117MP-3,3/NO   TO_SOT_Packages_SMD:SOT-223-3_TabPin2
   1x {'Datasheet': 'http://www.diodes.com/datasheets/AP1117.pdf', 'Tstamp': '5AA08668', 'Value': 'LM1117MP-3,3/NO', 'Ref': 'U8', 'Footprint': 'TO_SOT_Packages_SMD:S

C41   10n   Mlab_C:SMD-0603_narrow
   1x {'Datasheet': '', 'Tstamp': '5A6394AF', 'Value': '10n', 'Ref': 'C41', 'Footprint': 'Mlab_C:SMD-0603_narrow'}

2x

{'Datasheet': '', 'Tstamp': '5C7817A8', 'Value': 'MGVA-63+', 'Ref': 'U6', 'Footprint': 'maxrez:DL1020'}

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U2, U6

{'Datasheet': '', 'Tstamp': '5A4D0C2B', 'Value': '1k5', 'Ref': 'R13', 'Footprint': 'Resistors_SMD:R_0603'}

{'Datasheet': '', 'Tstamp': '5A4D0C2B', 'Value': '1k5', 'Ref': 'R13', 'Footprint': 'Resistors_SMD:R_0603'}

1k5

{'Datasheet': '', 'Tstamp': '5A63503C', 'Value': '127', 'Ref': 'R33', 'Footprint': 'Mlab_R:SMD-0603'}

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Mlab_R:SMD-0603

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{'Datasheet': '', 'Tstamp': '5B811413', 'Value': '10nF', 'Ref': 'C67', 'Footprint': 'Mlab_C:SMD-0603_narrow'}

C16, C3, C4, C48, C49, C5, C50, C51, C56, C6, C67

10nF

Mlab_C:SMD-0603_narrow

4x

{'Datasheet': '', 'Tstamp': '5A566FB1', 'Value': '24.9', 'Ref': 'R28', 'Footprint': 'Mlab_R:SMD-0603'}

R25, R26, R27, R28

8x

{'Datasheet': '', 'Tstamp': '5BC8F77D', 'Value': '0', 'Ref': 'R4', 'Footprint': 'Mlab_R:SMD-0603'}

{'Datasheet': '', 'Tstamp': '5BC8F77D', 'Value': '0', 'Ref': 'R4', 'Footprint': 'Mlab_R:SMD-0603'}

R1, R2, R21, R22, R23, R24, R3, R4

{'Datasheet': '', 'Tstamp': '5AAF2109', 'Value': '10uF', 'Ref': 'C57', 'Footprint': 'Mlab_C:C_0805'}

{'Datasheet': '', 'Tstamp': '5AAF2109', 'Value': '10uF', 'Ref': 'C57', 'Footprint': 'Mlab_C:C_0805'}

C53, C57

10uF