

Schematic diagrams

VBUS Net Class TP2 - Bleeder Net Class TP11 ĢND — U2C A2F20M65W3-FC U2A A2F20M65W3-FC VOUT1 Net Class VOUT2 Net Class R13 -**о** ТР10 R12 18k TP14 TP3 P1 MMCX connector P2 MMCX connecto (j) GND Net Class (j) GND Net Class

Figure 1. STDES-A2F20M65W3 main board circuit schematic (1 of 2)



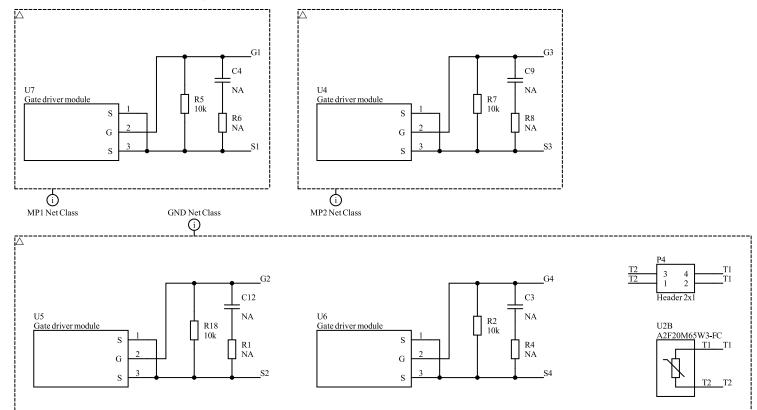


Figure 2. STDES-A2F20M65W3 main board circuit schematic (2 of 2)

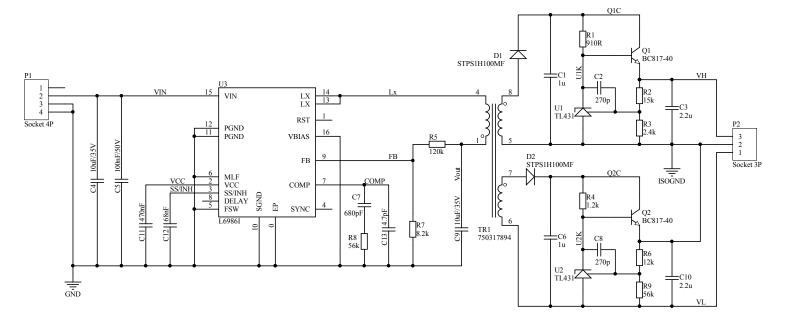
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C2 100n D3 Green OK D4
Blue
Ready ISOGND = ISOĞND 1R3 STPS1L40ZF IN-R15 270R RST DIAG Rdy QND SoftOff Rst Diag ClampDRV GNDiso Q2 BSS138 Q1 BSS138 Q3 STL8N6F7 C8 330p ISOGND Diag 77 91 -∞ _{VL} Ę GND GND 를 GND ISOGND C5 100n ₩ GND =C6 100n =C7 100n isognd VIN VOUT WE 885012209048 C3 330n C4 100n ĒND Primary side power supply C10 4u7 Isolated DC/DC = ISOGND VL. ● ● FM1 FM2 Secondary side power supply

Figure 3. STDES-A2F20M65W3 gate driver circuit schematic

Figure 4. STDES-A2F20M65W3 fly-buck circuit schematic



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