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Betreff: Energie-Umsetzung UFBmod V2.1 - abgeschätzt
Datum: 27. Juni 2020 um 20:58
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Energie

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FPGA		= 2.069 W * 1.3 ConvLoss = 2.7 W
S25FL256SAGBHI2	100 mA @ 3.3 V	= 0.330 W
Si5338	50 mA @ 1.8 V	= 0.090 W
Si8008	4 mA @ 3.3 V	= 0.014 W
DDR-RAM	165 mA @ 1.5 V	= 0.250 W
ETH		= 0.275 W
CPLD	1 mA @ 3.3V	= 0.004 W
11AA02E48T-I/TT	5 mA @ 3.3V	= 0.017 W

FPGA-Board SUM =   = 3.68 W

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TRX	62 mA @ 3.3V	= 0.205 W
FT232H	54 mA @ 5.0 V	= 0.270 W
RFX1010	350 mA @ 3.3 V	= 1.155 W

BASE-Board SUM =   = 1.630 W

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Complete =   = 5.310 W

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