

Supply_5V

Source:

Date: 04.06.2022 10:50:40

Tool: Eeschema (6.0.1)

Generator:

Component Count: 34

Ref	Qty	Value	Cmp name
C1,	1	470µF	EEEFK1A222AQ
C2,	1	6,8nF	C
C3,	1	1000µF	EEEFK1A222AQ
C4,	1	0,22µF	C
C5,	1	22µF	C_Polarized
D1, D2,	2	LED	LED
F2,	1	5A	Fuse
H1, H2, H3, H4,	4	MountingHole	MountingHole
J1,	1	12V INPUT 1	Barrel_Jack_Switch
J2,	1	12V INPUT 2	Conn_01x02_Male
J4,	1	Screw_Terminal_01x02	Screw_Terminal_01x02
J5,	1	USB1035-XX-X-X-X-B_REVE	USB1035-XX-X-X-X-B_REVE
P1, P2,	2	39-30-1039	39-30-1039
Q1, Q2,	2	FDB3682	Q_NMOS_GDS
R1,	1	R	R
R2,	1	300	R
R3,	1	R	R
R4,	1	107K	R
R5,	1	4,87K	R
R6,	1	10,5K	R
R7,	1	10	R

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R8,	1	0,01	R_Shunt_1
R9,	1	51,1K	R
R10,	1	4,99K	R
S1,	1	100SP1T1B4M2QE	100SP1T1B4M2QE
SW1,	1	5V reset	SW_Push_Dual
U1,	1	JTD2024S05	JTD2024S05
U4,	1	LTC4364IMS	LTC4364IMS

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Footprint
Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_THT:CP_Radial_D5.0mm_P2.00mm
LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open
MountingHole:MountingHole_3.2mm_M3
Connector_BarrelJack:BarrelJack_Horizontal
Connector_Molex:Molex_Mini-Fit_Jr_5566-02A2_2x01_P4.20mm_Vertical
TerminalBlock_Philmore:TerminalBlock_Philmore_TB132_1x02_P5.00mm_Horizontal
Double_USB_A:GCT_USB1035-XX-X-X-X-B_REVE
MOLEX_39-30-1039
Package_TO_SOT_SMD:TO-263-2
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder

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Resistor_SMD:R_Shunt_Ohmite_LVK25
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Switch:SW_100SP1T1B4M2QE
Button_Switch_SMD:SW_SPST_Omron_B3FS-100xP
Converter_DCDC:Converter_DCDC_XP_POWER_JTDxxxxxxx_THT
Package_SO:MSOP-16_3x4.039mm_P0.5mm