

Designator	Comment	Description	Footprint	LibRef	Quantity
C1, C7, C8, C9	TAJB106K016RNJ	Capacitor Polarised	CAPPM3528X210N	TAJB106K016RNJ	4
C2, C3, C4, C5, C6, C10	0.1uF	CAP 0805	CAPC3413X12N	CAP SMD 0805	6
C111	10uF	CAP, SMD, TAN,	IND0805	CAP_SMD_TAN_3216	1
D1	LED805BLU	LED, SMD, 0805, BLUE	LED0805BLU	LED_SMD_0805_BLU	1
D2, D3	LED805RED	LED, SMD, 0805, RED	LED0805RED	LED_SMD_0805_RED	2
D4, D5	CDSOT23-SRV05-4	TVS Diode (Uni-directional)	SOT95P280X145-6N	CDSOT23-SRV05-4	2
F1	F=1.0 A	SMD Fuses 1206	1206 FUSE	Fuse SMD1206	1
IC1	ADUM3160BRWZ	Integrated Circuit	SOIC127P1032X265-16N	ADUM3160BRWZ	1
L1, L2	Inductor	Inductor	INDC3216	Inductor	2
P6	USB Connector	USB Connector-B Type	USB2.5-2H4F	USB B-Type	1
PS1	B0505S-1W	Power Supply	B0505S1W	B0505S-1W	1
PUSB2	CONN_USB_A	CONN, USB, A, RECEPTACLE, R/A, THD	USB_A_REC_RA_THD	CONN_USB_A_REC_RA_THD	1
Q1	MMUN2234LT1G	Transistor BJT NPN	SOT23_3	MMUN2234LT1G	1
R1, R2, R3, R10, R11	1K	RES 0805	RESC3413X04N	RES 0805 0.125W	5
R4	10K	RES 0805	RESC3413X04N	RES 0805 0.125W	1
R5	330R	RES 0805	RESC3413X04N	RES 0805 0.125W	1
R6, R7, R8, R9	24R	RES 0805	RESC3413X04N	RES 0805 0.125W	4
S1, S2	DS1	1 BIT DIP Switch	DIP Switch x1	DIP Switch 1	2
U1	EL817	OPTOCOUPLER, TRANSISTOR, 4PIN	DIP_4	OPTC_TR4P_EL817	1