

Comment	Quantity	Designator	Footprint	LibRef	Description
1u	3	C1, C6, C13	0805	CAP	
10u - 400V	1	C2	CAP200RP2	CAPPOL	
1uF - 500V	1	C3	FP-GRM55D-0_4-IPC_B	CMP-2000-06370-2	Chip Multilayer Ceramic Capacitors for General Purpose, 2220, 1.0uF, X7R, 15%, 10%, 500V
10u	3	C4, C8, C16	0805	CAP	
100n	1	C5	0805	CAP	
33p	6	C7, C9, C10, C11, C14, C15	CAP100	CAP	
100n - 400V	3	C12, C17, C19	CAP200	CAP	
1N4148	6	D1, D5, D6, D8, D9, D11	DO41	DIODO	
ES1G	3	D2, D7, D10	FP-403AE-MFG	CMP-07163-000025-1	DIODE GEN PURP 400V 1A SMA
PUENTE	1	D3	PUENTE - W10M	PUENTE	
LED	1	D4	LED3	LED	
13V	1	DZ1	DO41	DIODO ZENER	
VAC	1	J1	BORNERA2	BORNERA2	
AUX 310dc	1	J2	BORNERA2	BORNERA2	
CON6	1	J3	SIP6	CON6	
Vin 5V	1	J4	SIP2	CON2	UPduino Power Input
IPD50R650CE	6	Q1, Q2, Q3, Q4, Q5, Q6	INF-PG-TO252-3-313_N	CMP-1164-00335-1	N-Channel CoolMOS CEMOS Power-Transistor, 500 V VDS, 6.1 A ID, - 55 to 150 degC, PG-TO252-3-313, Reel, Green
33	6	R1, R5, R12, R21, R25, R30	0805	RES	33?, [NoValue]
2.2	3	R2, R16, R27	RES300	RES	
68	12	R3, R6, R9, R10, R18, R19, R22, R24, R28, R29, R31, R32	0805	RES	
100K- 2W	1	R4	RES300	RES	
1K	1	R7	0805	RES	
10	3	R8, R14, R26	RES300	RES	
50	6	R11, R13, R15, R17, R20, R23	0805	RES	
15V	3	TP1, TP3, TP5	TPTH	TP	
Out R	1	TP2	TPTH	TP	
Out S	1	TP4	TPTH	TP	
Out T	1	TP6	TPTH	TP	
UCC27710	3	U1, U2, U3	FP-PG-DSO-8-IPC_C	CMP-32851-000209-1	GATEDRV/RHI/LOW SIDE 8SOIC
FPGA	1	UPduino 3.0	FPGA Upduino v3.0	FPGA	