



Comment	Description	Designator	Factorint	LibDof	Manufacturer	Over tite	Complian 1	Supplier Part Number	Value	Casa /Daalkaasa	Dankana / Casa
Comment	Description Tantalum Surface	Designator	Footprint	LibRef	Part Number	Quantity	Supplier 1	ı	Value	Case/Package	Package / Case
	Mount Capacitors –										
100uf	Standard Tantalum	c1	tan_cap	tant_cap	T520B107M006AT E040	1	Digi-Key	399-4008-1-ND	100uF	1411	
10001	Tantalum Surface		tun_oup	tant_oap	20.0		o.g. noy	077 1000 1 115			
	Mount										
	Capacitors – Standard										
10uf	Tantalum	c2	tan_cap	tant_cap	T491B106K006AT	1	Digi-Key	399-3704-1-ND	10uF	1411	
SMT Ceremic	Canaditar	C3	CADACITOD 0403	Can	CGA3E2X8R1E10 4K080AE	1	Digi Koy	445-173658-1-ND	0.1uF		0602 (1600 Motrio)
capacitors SMT Ceremic	Capacitor	C3	CAPACITOR_0603	Сар	CGA3E2C0G1H39		Digi-Key	445-173036-1-ND	o. rur		0603 (1608 Metric)
capacitors	Capacitor	C4	CAPACITOR_0603	Сар	1J080AA	1	Digi-Key	445-5647-1-ND	390pF		0603 (1608 Metric)
SMT Ceremic capacitors	Capacitor	C5	CAPACITOR_0603	Cap	C1608X5R1C106 M080AB	1	Digi-Key	445-9065-1-ND	10uF		0603 (1608 Metric)
Diode	Diode	D1	Diode	Diode	RS1AB-13-F	1	Digi-Key	RS1AB-FDICT-ND	1001	SMB	COOS (1000 Wicking)
Hole	D.oue	F1	HOLE	Hole	10.10	1	Dig. itoy	101715 1 5101 115		5.11.5	
Hole		F2	HOLE	Hole		1					
	2.7V to 5V			1.0.0							
	Comparator with Rail-to-Rail				LMV7219M7/NO			L N A V 7 2 1 ON A 7 /N I O DD C T			
LMV721	Output	G1	Im721	lm721	PB	1	Digi-Key	LMV7219M7/NOPBCT- ND		sc	
HEADER_1X		H1	CONNECTOR	HEADER1X5	ZHR-5	1	Digi-Key	455-1201-ND			
			SOT95P245X110-		D00400 7.5	_	51.11	D00400 75DITD 41D			007.00.0
MMBT3904	Transistor npn	Q1	3N SOT95P245X110-	npn	BC848C-7-F	1	Digi-Key	BC848C-7FDITR-ND			SOT-23-3
MMBT3904	Transistor npn	Q2	3N	npn	BC848C-7-F	1	Digi-Key	BC848C-7FDITR-ND			SOT-23-3
NANAD TOO A	T	00	SOT95P245X110-		D00400 7 F		Dist Kee	DOGAGO ZEDITO NID			COT 00 0
MMBT3904	Transistor npn P-Channel 30-V	Q3	3N	npn	BC848C-7-F	ı	Digi-Key	BC848C-7FDITR-ND SI2307BDS-T1-E3CT-			SOT-23-3
SI2307	(D-S) MOSFET	Q4	SI2307	SI2307	SI2307BDS-T1-E3	1	Digi-Key	ND		TO-236	
Res3	Resistor	R1	RES_0603	Res3	ERJ-3EKF1002V	1	Digi-Key	P10.0KHCT-ND	10K	0603	
Res3	Resistor	R2	RES_0603	Res3	ERJ-3EKF1002V	1	Digi-Key	P10.0KHCT-ND	2.7K	0603	
Res3	Resistor	R3	RES_0603	Res3	ERJ-3EKF1002V	1	Digi-Key	P10.0KHCT-ND	10K	0603	
Res3	Resistor	R4	RES_0603	Res3	ERJ-3EKF4701V	1	Digi-Key	P4.70KHCT-ND	4.7K	0603	
Res3	Resistor	R5	RES_0603	Res3	ERJ-3EKF4701V	1	Digi-Key	P4.70KHCT-ND	4.7K	0603	
Res3	Resistor	R6	RES_0603	Res3	ERJ-3EKF1002V	1	Digi-Key	P10.0KHCT-ND	10K	0603	
Res3	Resistor	R7	RES_0603	Res3	ERJ-3EKF1002V	1	Digi-Key	P10.0KHCT-ND	10K	0603	
Res3	Resistor	R8	RES_0603	Res3	RMCF0603FT1M0	1	Digi-Key	RMCF0603FT1M00CT- ND	1M	0603	
Res3	Resistor	R9	RES_0603	Res3	ERA-3AEB102V	1	Digi-Key	P1.0KDBDKR-ND	1K	0603	
Res3	Resistor	R10	RES_0603	Res3	RN73C1J45K3BTG RMCF0603FT1M0	1	Mouser	279-RN73C1J45K3BTG RMCF0603FT1M00CT-	45.3K	0603	
Res3	Resistor	R11	RES_0603	Res3	0	1	Digi-Key	ND	1M	0603	
Test points		TP1	Test_point	TP		1					
Test points		TP2		TP		1					
Test points		TP3	Test_point	TP		1					
Test points		TP4	Test_point	TP		1					
Test points		TP5	Test_point	TP		1					
Test points		TP8	Test_point	TP		1					
Test points		TP9	Test_point	TP		1					
	LDO Regulator Pos 3.3V 0.8A 4-										
	Pos 3.3V 0.8A 4- Pin_3+Tab_ SOT-		*SOT230P696X18		LM1117IMP-		1	LM1117IMP-			
LM1117MP-3.3	223 T/R	U1	0-4N	LM1117MP-3.3	3.3/NOPB	1	Digi-Key	3.3/NOPBCT-ND		SOT-223	
TS555	Timer	U2	SOP127P600X175- 8N	LM555	TS555CD-T	1	Digi-Key	497-3043-1-ND			8-SOIC (0.154", 3.90mm Width)
1.3000	1	<u> </u>	1			'	Ia)	55.5 7 105			2 Silini Widili)