

Digikey order

Digikey order Last Change 7 June 2014		
Previous Changes		
LP2985 3.3V	3	LP2985-33DBVR
LP2985 1.8V	2	LP2985-18DBVR
AD9958	1	AD9958BCPZ
TPS76833	1	TPS76833QPWP
AT91SAM7C	1	AT91SAM7S64C-AU
LM1117 3.3V	1	LM1117T-3.3/NOPB
AT24C64D EEPROM	1	AT24C64D-SSHM-T
VCXO 125mhz	1	CVHD-950-125.000
AG604-89	1	AG604-89G
LM317	2	LM317DCYRG3
INA163	2	INA163UA
FST3253	2	FST3253MTCX
DRV135	2	DRV135UA
NJM4558	1	NJM4558M
Kren 5V regulator TO220	1	L7805ABV
SN65LVDT34D	1	SN65LVDT34D
OPA2674	1	OPA2674ID
TLC0832	1	TLC0832CD
74AC86	1	SN74AC86D
74AC574	2	MC74AC574DWR2G
74AC139	1	SN74HC139NSR
74HC595	4	SN74HC595NSR
ULN2003	3	ULN2003ANSR
74HC14	1	SN74HC14DR
12 mhz crystal	1	ABMM-12.000MHZ-B2-T
24 mhz crystal	1	9B-24.000MAAJ-B
1:4 transformer	2	MABA-008639-TC41T7
1:1 transformer	4	ETC1-1T-2-TR
BAS16	5	BAS16
1N4002	2	FM4002-W
BAT41	2	BAT41
5.1V Zener	2	BZV55-C5V1,115
LED	2	LY Q976-P1S2-36
2N7002	11	2N7002,215
IRLML5103	1	IRLML5103TRPBF
100uH 5x5 SMD inductor	2	ELL-5PS101M
100uH Axial inductor	2	CAL45TB101K
USB connector	1	UE27-BC54-130
BNC antenna connector	1	31-5431-1010
RJ45	1	09455511102

Digikey order

DC power connector	1	PJ-031DH
--------------------	---	----------

Mouser Part Numbers

Last Change 7 June 2014			
Previous Changes			
Description	Quantity	Manufacturer #	Mouser #
.1uF X7R Ceramic 0805	134	C0805C104K5RACTU	80-C0805C104K5R
1uF X7R Ceramic 0805	4	C0805C105M5RACTU	80-C0805C105M5R
1uF X7R Ceramic 1206	7	CGA5L2X7R2A105K160AA	810-CGA5L2X7R2A105K
10uF X7R Ceramic 1206	5	CGA5L1X7R1E106K160AC	810-CGA5L1X7R1E106K
10uF Tantalum 35V 7343	2	T491D106M035AT	80-T491D106M035
220uF Tantalum 10V 7343	3	T520D227M010ATE018	80-T520D227M010
10uF Tantalum 16V 3216	7	F951C106MAAAQ2	647-F951C106MAAAQ2
1uF Tantalum 35V 3216	8	F951V105MAAAQ2	647-F951V105MAAAQ2
220pF NPO 100V 0805	2	08051A221JAT2A	581-08051A221J
390 pF NPO 100V 0805	2	GRM2165C2A391JA01D	81-GRM215C2A391JA01D
300 pF NPO 100V 0805	1	GRM2165C2A301JA01D	81-GRM2165C2A301JA1D
30 pF NPO 100V 0805	10	GRM2195C2A300JZ01D	81-GRM215C2A300JZ01D
33 pF NPO 100V 0805	5	08051A330J4T2A	581-08051A330J4
47 pF NPO 100V 0805	2	C0805C470J1GACTU	80-C0805C470J1G
150 pF NPO 100V 0805	2	GRM2165C2A151JA01D	81-GRM215C2A151JA01D
240 pF NPO 100V 0805	2	GRM2165C2A241JA01D	81-GRM2165C2A241JA1D
180 pF NPO 100V 0805	1	08051A181JAT2A	581-08051A181J
18 pF NPO 100V 0805	2	08051A180JAT2A	581-08051A180J
27 pF NPO 100V 0805	3	C0805C270J1GACTU	80-C0805C270J1G
100 pF NPO 100V 0805	4	08051A101JAT2A	581-08051A101J
110 pF NPO 100V 0805	2	GRM2165C2A111JA01D	81-GRM2165C2A111JA1D
56 pF NPO 100V 0805	6	08051A560JAT4A	581-08051A560JAT4A
68 pF NPO 100V 0805	4	08051A680JAT2A	581-08051A680JAT2A
22pF NPO 100V 0805	2	08051A220KAT2A	581-08051A220KAT2A
43 pF NPO 100V 0805	1	08051A430JAT2A	581-08051A430JAT2A
120 pF NPO 100V 0805	2	08051A121JAT4A	581-08051A121JAT4A
1000 pF NPO 100V 0805	6	VJ0805A102JBBC31	77-VJ0805A102JBBC31
680 pF NPO 100V 0805	1	08051A681JAT2A	581-08051A681JAT2A
13 pF NPO 100V 0805	4	08051A130JAT2A	581-08051A130JAT2A
15 pF NPO 100V 0805	4	VJ0805A150JXBCW1BC	77-VJ0805A150JXBCBC
24pF NPO 100V 0805	4	GRM2195C2A240JZ01D	81-GRM215C2A240JZ01D

Mouser Part Numbers

10nF X7R 100V 0805	9	VJ0805Y103KXBMC	77-VJ0805Y103KXBMC
68nF X7R 100V 0805	1	C2012X7R2A683K085AA	810-C2012X7R2A683K
6800pF NPO 100V 0805	1	C0805C682J1GACTU	80-C0805C682J1G
4.7pF NPO 100V 1206	1	VJ1206A4R7CXBCW1BC	77-VJ1206A4R7CXBCBC
15 pF NPO 100V 1206	1	VJ1206A150JXBPW1BC	77-VJ1206A150JXBPBC
22pF NPO 100V 1206	1	C1206C220J1GACTU	80-C1206C220J1G
150 pF NPO 100V 1206	1	C1206C151J1GACTU	80-C1206C151J1G
56 pF NPO 100V 1206	1	12061A560JAT2A	581-12061A560JAT2A
18 pF NPO 100V 1206	2	VJ1206A180KXBCW1BC	77-VJ1206A180KXBCBC
27nF Film Radial 5.08mm	4	ECQ-V1H273JL	667-ECQ-V1H273JL
1500 pF NPO 100V 5mm	2	FK28C0G1H152J	810-FK28C0G1H152J
470pF NPO 50V 5mm	2	FK28C0G1H471J	810-FK28C0G1H471J
22uF SMD Alum Electro	4	35SVPF22M	667-35SVPF22M
220uF Tantalum 2917	4	293D227X9016E2TE3	74-293D227X9016E2TE3
22nF X7R 100V 0805	2	08051C223KAT4A	581-08051C223KAT4A
20pF Trimmer Cap 100V	26	TZC3P300A110B00	81-TZC3P300A110B00
(65)64.9ohm resistor 1206	2	CRCW120664R9FKEA	71-CRCW1206-64.9-E3
1K ohm resistor 1206	2	RT1206FRE071KL	603-RT1206FRE071KL
2.2ohm resistor 0805	2	RCG08052R20JNEA	71-RCG08052R20JNEA
71.5ohm resistor 0805	1	CRCW080571R5FKEA	71-CRCW0805-71.5-E3
274ohm resistor 0805	1	ERJ-6ENF2740V	667-ERJ-6ENF2740V
49.9ohm resistor 0805	5	CRCW080549R9FKEA	71-CRCW0805-49.9-E3
(61.1)60.4ohm resistor 0805	2	ERJ-6ENF60R4V	667-ERJ-6ENF60R4V
97.6ohm resistor 0805	2	CRCW080597R6FKEA	71-CRCW0805-97.6-E3
2Kohm resistor 0805	2	CRCW08052K00FKEA	71-CRCW0805-2.0K-E3
10Kohm resistor 0805	8	CRCW080510K0FKEB	71-CRCW080510K0FKEB
22Kohm resistor 0805	10	CRCW080522K0FKEA	71-CRCW0805-22K-E3
1k ohm resistor 0805	15	CRCW08051K00FKEA	71-CRCW0805-1.0K-E3
2.7Kohm resistor 0805	2	CRCW08052K70FKEA	71-CRCW0805-2.7K-E3
4.7Kohmresistor 0805	11	CRCW08054K70FKEA	71-CRCW0805-4.7K-E3
100 ohm resistor 0805	2	CRCW0805100RFKEA	71-CRCW0805-100-E3
300ohm resistor 0805	12	CRCW0805300RFKEA	71-CRCW0805300RFKEA
100Kohm resistor 0805	2	CRCW0805100KFKEA	71-CRCW0805-100K-E3
50ohm resistor 0805	2	CRCW080550R0FKTA	71-CRCW0805-50
95.3ohm resistor 0805	2	CRCW080595R3FKEA	71-CRCW0805-95.3-E3
360ohm resistor 0805	2	CRCW0805360RFKEA	71-CRCW0805360RFKEA
390ohm resistor 0805	2	CRCW0805390RFKEA	71-CRCW0805390RFKEA
316ohm resistor 0805	2	CRCW0805316RFKEA	71-CRCW0805-316-E3
3.3Kohm resistor 0805	1	RK73H2ATTD3301F	660-RK73H2ATTD3301F
3.6Kohm resistor 0805	2	ERJ-6ENF3601V	667-ERJ-6ENF3601V

Mouser Part Numbers

5.1Kohm resistor 0805	2	CRCW08055K10FKEA	71-CRCW0805-5.1K-E3	
15.4Kohm resistor 0805	2	CRCW080515K4FKEA	71-CRCW0805-15.4K-E3	
16Kohm resistor 0805	2	CRCW080516K0FKEA	71-CRCW080516K0FKEA	
11Kohm resistor 0805	1	CRCW080511K0FKTA	71-CRCW0805-11K	
5.1ohm resistor 0805	2	CRCW08055R10FKEA	71-CRCW08055R10FKEA	
160ohm resistor 0805	1	CRCW0805160RFKEA	71-CRCW0805160RFKEA	
220ohm resistor 0805	1	CRCW0805220RFKEA	71-CRCW0805-220-E3	
470ohm resistor 0805	1	CRCW0805470RFKEA	71-CRCW0805-470-E3	
750ohm resistor 0805	2	CRCW0805750RFKEA	71-CRCW0805-750-E3	
1.91Kohm resistor 0805	1	CRCW08051K91FKEA	71-CRCW08051K91FKEA	
2.4Kohm resistor 0805	2	ERJ-6ENF2401V	667-ERJ-6ENF2401V	
1Mohm resistor 0805	1	CRCW08051M00FKEB	71-CRCW08051M00FKEB	
0 ohm resistor 0805	1	CRCW08050000Z0EA	71-CRCW0805-0-E3	R57
0 ohm resistor 1206	4	CRCW12060000Z0EA	71-CRCW1206-0-E3	DR4,5,6,7
Relays	27	IM06GR	655-IM06GR	
LP2985 3.3V	3	LP2985-33DBVR	595-LP2985-33DBVR	
LP2985 1.8V	2	LP2985-18DBVR	595-LP2985-18DBVR	
CY7C68013A-56PVXC	1	CY7C68013A-56PVXC	727-CY768013A-56PVXC	IC10
AD9958	1	AD9958BCPZ	584-AD9958BCPZ	
TPS76833	1	TPS76833QPWP	595-TPS76833QPWP	
AT91SAM7C	1	AT91SAM7S64C-AU	556-AT91SAM7S64C-AU	
LM1117 3.3V	1	LM1117T-3.3/NOPB	926-LM1117T-3.3/NOPB	
AT24C64D EEPROM	1	AT24C64D-SSHM-T	556-AT24C64D-SSHM-T	
VCXO 125mhz	1	CVHD-950-125.000	549-CVHD950-125.00	GG1
AG604-89	1	AG604-89G	772-AG604-89G	DA1
LM317	2	LM317DCYRG3	595-LM317DCYRG3	DA2,13
INA163	2	INA163UA	595-INA163UA	DA3,5
FST3253	2	FST3253MTCX	512-FST3253MTCX	DA4,8
DRV135	2	DRV135UA	595-DRV135UA	DA6,9
NJM4558	1	NJM4558M	513-NJM4558M	DA7
Kren 5V regulator TO220	1	L7805ABV	511-L7805ABV	DA10
SN65LVDT34D	1	SN65LVDT34D	595-SN65LVDT34D	DA11
OPA2674	1	OPA2674ID	595-OPA2674ID	DA12
TLC0832	1	TLC0832CD	595-TLC0832CD	DA14
74AC86	1	SN74AC86D	595-SN74AC86D	DD1
74AC574	2	MC74AC574DWR2G	863-MC74AC574DWR2G	DD2,10

Mouser Part Numbers

74AC139	1	SN74HC139NSR	595-SN74HC139NSR	DD3
74HC595	4	SN74HC595NSR	595-SN74HC595NSR	DD4,6,8,9
ULN2003	3	ULN2003ANSR	595-ULN2003ANSR	DD5,7,11
74HC14	1	SN74HC14DR	595-SN74HC14DR	DD12
12 mhz crystal	1	ABMM-12.000MHZ-B2-T	815-ABMM-12-B2-T	Q1
24 mhz crystal	1	9B-24.000MAAJ-B	717-9B-24.000MAAJ-B	Q2
1:4 transformer	2		TC-1TG2+	T1 TR7
1:1 transformer	4	ETC1-1T-2-TR	937-ETC1-1T-2	TR1,2,3,4
BAS16	5	BAS16	512-BAS16	VD1,3,4,5,6
1N4002	2	FM4002-W	583-FM4002	VD2,13
BAT41	2	BAT41	511-BAT41	VD11,12
5.1V Zener		BZV55-C5V1,115	771-BZV55-C5V1-T/R	VD7,8
LED	2	LY Q976-P1S2-36	720-LYQ976-P1S2-36	VD9,10
2N7002	11	2N7002,215	771-2N7002-T/R	VT1,3,4,5,6,7,8,9,10,11,15
IRLML5103	1	IRLML5103TRPBF	942-IRLML5103TRPBF	VT2
IRLML5203	1	IRLML5203TRPBF	942-IRLML5203TRPBF	VT14
100uH 5x5 SMD inductor	2	ELL-5PS101M	667-ELL-5PS101M	DR1,9
100uH Axial inductor	2	CAL45TB101K	963-CAL45TB101K	DR2,3
USB connector	1	UE27-BC54-130	523-UE27-BC54-130	X2
BNC antenna connector	1	31-5431-1010	523-31-5431-1010	J3
RJ45	1	09455511102	617-09455511102	MIC1
DC power connector	1	RAPC712X	502-RAPC712X	J2
DC/DC Converter +-15V	1	NMV0515SC	580-NMV0515SC	XS13

Seperate venders

Description	Quantity	Part #	ID	
CY7C68013-56PUC	1	CY7C68013A-56PVXC	IC10	Cypress
150nH SMD Inductor	8	SMD inductor 150nH	L28-35	Coilcraft
RD06HHF1	2	The Parts Place	VT12,13	
DC Jack Small pins	1	PJ-031DH		Digikey

PA Section

Power Amplifier Circuit		
Last Change 11 June 2014		
Past Changes (none)		
Quantity	Description	Manufacturer Part Number
14	.1uf 0805 Capacitor	C0805C104K5RACTU
3	10uF Tantalum 3217	F951C106MAAAQ2
4	10nF Capacitors 0805	VJ0805Y103KXBMC
1	1nF Capacitor 0805	VJ0805A102JBBBC31
2	22nF Capacitor 0805	08051C223KAT4A
1	150pF Capacitor 1206	C1206C151J1GACTU
1	15pF Capacitor 1206	VJ1206A150JXBPW1BC
2	18pF Capacitor 1206	VJ1206A180KXBCW1BC
1	4.7pF Capacitor 1206	VJ1206A4R7CXBCW1BC
1	56pF Capacitor 1206	12061A560JAT2A
1	22pF Capacitor 1206	C1206C220J1GACTU
1	10K ohm Resistor 0805	CRCW080510K0FKEB
6	1K ohm Resistor 0805	CRCW08051K00FKEA
1	22K ohm Resistor 0805	CRCW080522K0FKEA
2	4K7 ohm Resistor 0805	CRCW08054K70FKEA
2	50 ohm Resistor 0805	CRCW080550R0FKTA
2	100 ohm Resistor 0805	CRCW0805100RFKEA
2	2K4 ohm Resistor 0805	ERJ-6ENF2401V
2	300 ohm Resistor 0805	CRCW0805300RFKEA
2	5R1 Resistor 0805	CRCW08055R10FKEA
2	750 ohm Resistor 0805	CRCW0805750RFKEA
2	100K ohm Trimmers SMD	3266W-1-104LF
2	4K7 ohm Trimmers SMD	3266W-1-502LF
1	100uH SMD Inductor	ELL-5PS101M
1	IRLML5203	IRLML5203TRPBF
1	2N7002	2N7002,215
2	BAT 41	BAT41
1	TLC0832C	TLC0832CD
1	OPA2674	OPA2674ID
2	Relays	IM06GR
2	RD06HHF1	The Parts Place
1	BN43-1502	Kits and Parts
1	BN43-202	Kits and Parts

DC_DC Converter PCB

DC/DC Converter circuit		
Quantity	Description	Manufacturer Part Number
CMR Series requires output filters		
12V to +-15V		
1	12V to +- 15V	CMR1215S3C
2	220uH through hole	11R224C
2	.22uF X7R	FK24X7R1H224K
5V to +-15V		
1	5V to +-15V	CMR0515S3C
2	220uH through hole	11R224C
2	.33uF X7R	FK24X7R1H334K
NVM Series output filter not required but suggested		
12V to +-15V		
1	12V to +- 15V SIP	NMV1215SC
2	220uH through hole	11R224C
2	.22uF X7R	FK24X7R1H224K
5V to +-15V		
1	5V to +-15V SIP	NMV0515SC
SIP or DIP package. Either one works the same		
1	5V to +-15V DIP	NMV0515DC
2	220uH through hole	11R224C
2	.22uF X7R	FK24X7R1H224K
Parts for input		
12 volts input		
1	12V regulator	TL750L12CLP
1	.1uF X7R	FK28X7R1H104K
1	10uF Tantalum	TAP106K025SCS
5 volts input		
1	5V Regulator	NCP7805TG
1	.33uF Electrolytic	EEA-GA1HR33B
1	.1uF X7R	FK28X7R1H104K

Power section

Power Section		
Updated 7 June 2014		
Previous changes		
Quantity	Description	Part Number
5	.01 uF 0805 Capacitor	VJ0805Y103KXBMC
24	.1 uF 0805 Capacitor	C0805C104K5RACTU
5	1 uF 1206 Capacitor	CGA5L2X7R2A105K160AA
6	10 uF 1206 Capacitor	CGA5L1X7R1E106K160AC
1	10 uF 7343 Tantalum	T491D106M035AT
1	10 uF 3217 Tantalum	F951C106MAAAQ2
4	220 uF 7343 Tantalum	T520D227M010ATE018
2	100 uH Axial Inductor	CAL45TB101K
1	5 Volt regulator TO220	L7805ABV
1	DC Power Jack	PJ-031DH
3	LP2985 3.3V Regulator	LP2985-33DBVR
2	LP2985 1.8V Regulator	LP2985-18DBVR
1	LM1117 3.3V Regulator	LM1117T-3.3/NOPB
1	TPS76833 Regulator	TPS76833QPWP
1	1N4002 axial diode	FM4002-W
1	LM317 regulator	LM317DCYRG3
1	390 ohm 0805 resistor	CRCW0805390RFKEA
1	2K7 ohm 0805 resistor	CRCW08052K70FKEA
4	0 ohm 1206 resistor	CRCW12060000Z0EA

IC Section

IC Circuit Parts		
Updated 15 June 2014		
Previous Changes		
Quantity	Description	Part Number
53	.1uF 0805 Capacitor	C0805C104K5RACTU
2	27 pF 0805 Capacitors	C0805C270J1GACTU
1	680 pF 0805 Capcitor	08051A681JAT2A
4	13 pF 0805 Capacitors	08051A130JAT2A
4	15 pF 0805 Capacitors	VJ0805A150JBCW1BC
4	24 pF 0805 Capacitors	GRM2195C2A240JZ01D
8	30 pF 0805 Capacitors	81-GRM215C2A300JZ01D
3	1 uF 0805 Capacitors	C0805C105M5RACTU
1	10 uF 7343 Tantalum	T491D106M035AT
1	1M ohm 0805 Resistor	CRCW08051M00FKEB
2	130 ohm Resistor 1206	CRCW1206130RFKEA
2	360 ohm 0805 Resistor	CRCW0805360RFKEA
9	4K7 ohm 0805 Resistor	CRCW08054K70FKEA
8	22K ohm 0805 Resistor	CRCW080522K0FKEA
2	1K ohm 1206 Resistor	RT1206FRE071KL
1	3K3 ohm 0805 Resistor	RK73H2ATTD3301F
2	16K ohm 0805 resistor	CRCW080516K0FKEA
5	1K ohm 0805 Resistor	CRCW08051K00FKEA
10	300 ohm 0805 resistor	CRCW0805300RFKEA
1	220 ohm 0805 Resistor	CRCW0805220RFKEA
1	5K1 ohm 0805 Resistor	CRCW08055K10FKEA
4	49.9 ohm 0805 Resistors	CRCW080549R9FKEA
1	1.91K ohm 0805 Resistor	CRCW08051K91FKEA
4	10K ohm 0805 Resistors	CRCW080510K0FKEB
1	GG1 125 mhz Oscillator	CVHD-950-125.000
1	470 ohm 0805 Resistor	CRCW0805470RFKEA
1	0 ohm 0805 Resistor	CRCW08050000Z0EA
1	160 ohm Resistor	CRCW0805160RFKEA
1	USB Jack	UE27-BC54-130
2	2 Pin Headers	
1	3 Pin Header	
1	10 Pin 2 row Header	
2	LED SMD 0805	LY Q976-P1S2-36
6	2N7002	2N7002,215
3	BAS16 Diodes	BAS16
2	5.1V Zener diodes	BZV55-C5V1,115
1	IRLML5103	IRLML5103TRPBF
1	24mhz crystal	9B-24.000MAAJ-B

IC Section

1	12 mhz oscillator	ABMM-12.000MHZ-B2-T
4	TC1-1 SMD Transformer	ETC1-1T-2-TR
1	100 uH SMD inductor	ELL-5PS101M
8	150nH Inductor	SMD inductor 150nH
1	Cypress Chip	CY7C68013A-56PVXC
1	24C64D EEPROM	AT24C64D-SSHM-T
1	74HC139	SN74HC139NSR
2	74AC574	MC74AC574DWR2G
4	74HC595	SN74HC595NSR
3	ULN2003	ULN2003ANSR
1	74HC14	SN74HC14DR
1	AT91SAM7S	AT91SAM7S64C-AU
1	SN65LVDT34D	SN65LVDT34D
1	AD9958	AD9958BCPZ
1	AG604-89	AG604-89G
1	74AC86	SN74AC86D
1	Crystal 125 mhz	CVHD-950-125.000

TRX Section

TRX Circuit		
Updated 7 June 2014		
Previous Changes		
Quantity	Description	Part Number
5	.1 uf 0805 Capacitors	C0805C104K5RACTU
2	1 uF 1206 Capacitor	CGA5L2X7R2A105K160AA
8	1 uF 3217 Tantalum	F951V105MAAAQ2
1	220 uF 7343 Tantalum	293D227X9016E2TE3
1	1 nF 0805 Capacitor	VJ0805A102JBBC31
4	27 nF Radial 5mm	ECQ-V1H273JL
2	1500 pF Radial 5mm	FK28C0G1H152J
2	470 pF Radial 5mm	FK28C0G1H471J
4	1K ohm 0805 Resistor	CRCW08051K00FKEA
2	95.3 ohm 0805 Resistors	CRCW080595R3FKEA
2	316 ohm 0805 Resistors	CRCW0805316RFKEA
1	22K ohm 0805 Resistor	CRCW080522K0FKEA
2	10K ohm 0805 Resistor	CRCW080510K0FKEB
1	5K1 ohm 0805 Resistor	CRCW08055K10FKEA
2	15K4 ohm Resistors	CRCW080515K4FKEA
2	3K6 ohm Resistors	ERJ-6ENF3601V
3	2N7002	2N7002,215
2	BAS16	BAS16
1	TC4-1T SMD Transformer	TC-1TG2+
2	FST3253	FST3253MTCX
2	INA163	INA163UA
2	DRV135UA	DRV135UA
1	NJM4558	NJM4558M
1	DC/DC +-15V	NMV0515DC
2	Relays	IM06GR
1	RJ45 Jack	09455511102
2	3 Pin Headers	
1	4 Pin Header	

Last Change 18 Sep 2014

Previous Changes

Designator	Comment	Footprint	Quantity	Manufacturer Part #
C1	1u	CAPC0805X06N ceramik	1	C0805C105M5RACTU
C2	1u	CAPC0805X06N ceramik	1	C0805C105M5RACTU
C3	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C4	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C5	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C6	1u	CAPC0805X06N ceramik	1	C0805C105M5RACTU
C7	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C8	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C9	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C10	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C11	10u	CAP_D 7444X28N tantal	1	T491D106M035AT
C12	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C13	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C14	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C15	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C16	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C17	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C18	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C19	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C20	220.0	CAP_D 7444X28N tantal	1	T520D227M010ATE018
C21	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C22	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C23	220.0	CAP_D 7444X28N tantal	1	T520D227M010ATE018
C24	220p	CAPC0805X06N ceramik	1	08051A221JAT2A
C25	220p	CAPC0805X06N ceramik	1	08051A221JAT2A
C26	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C27	390p	CAPC0805X06N ceramik	1	GRM2165C2A391JA01D
C28	300p	CAPC0805X06N ceramik	1	GRM2165C2A301JA01D
C29	390p	CAPC0805X06N ceramik	1	GRM2165C2A391JA01D
C30	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C31	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C32	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C33	30p	CAPC0805X06N ceramik	1	GRM2195C2A300JZ01D
C34	30p	CAPC0805X06N ceramik	1	GRM2195C2A300JZ01D
C35	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C36	47p	CAPC0805X06N ceramik	1	C0805C470J1GACTU
C37	33p	CAPC0805X06N ceramik	1	08051A330J4T2A
C38	47p	CAPC0805X06N ceramik	1	C0805C470J1GACTU
C39	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C40	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C41	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C42	150p	CAPC0805X06N ceramik	1	GRM2165C2A151JA01D
C43	150p	CAPC0805X06N ceramik	1	GRM2165C2A151JA01D
C44	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C45	240p	CAPC0805X06N ceramik	1	GRM2165C2A241JA01D
C46	180p	CAPC0805X06N ceramik	1	08051A181JAT2A
C47	240p	CAPC0805X06N ceramik	1	GRM2165C2A241JA01D

C48	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C49	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C50	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C51	18p	CAPC0805X06N keramik	1	08051A180JAT2A
C52	18p	CAPC0805X06N keramik	1	08051A180JAT2A
C53	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C54	33p	CAPC0805X06N keramik	1	08051A330J4T2A
C55	27p	CAPC0805X06N keramik	1	C0805C270J1GACTU
C56	33p	CAPC0805X06N keramik	1	08051A330J4T2A
C57	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C58	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C59	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C60	33p	CAPC0805X06N keramik	1	08051A330J4T2A
C61	33p	CAPC0805X06N keramik	1	08051A330J4T2A
C62	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C63	110p	CAPC0805X06N keramik	1	GRM2165C2A111JA01D
C64	100p	CAPC0805X06N keramik	1	08051A101JAT2A
C65	110p	CAPC0805X06N keramik	1	GRM2165C2A111JA01D
C66	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C67	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C68	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C69	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C70	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C71	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C72	68p	CAPC0805X06N keramik	1	08051A680JAT2A
C73	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C74	68p	CAPC0805X06N keramik	1	08051A680JAT2A
C75	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C76	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C77	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C78	22p	CAPC0805X06N keramik	1	08051A220KAT2A
C79	22p	CAPC0805X06N keramik	1	08051A220KAT2A
C80	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C81	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C82	43p	CAPC0805X06N keramik	1	08051A430JAT2A
C83	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C84	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C85	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C86	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C87	68p	CAPC0805X06N keramik	1	08051A680JAT2A
C88	68p	CAPC0805X06N keramik	1	08051A680JAT2A
C89	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C90	120p	CAPC0805X06N keramik	1	08051A121JAT4A
C91	100p	CAPC0805X06N keramik	1	08051A101JAT2A
C92	120p	CAPC0805X06N keramik	1	08051A121JAT4A
C93	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C94	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C95	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C96	56p	CAPC0805X06N keramik	1	08051A560JAT4A
C97	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU

C98	100p	CAPC0805X06N keramik	1	08051A101JAT2A
C99	100p	CAPC0805X06N keramik	1	08051A101JAT2A
C100	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C101	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C102	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C103	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C104	27n	CAP-5mm	1	ECQ-V1H273JL
C105	220.0 293D227X9016E2TE3	CASE V (2924) Some pcb have smaller	1	293D227X9016E2TE3
C106	1uF	CAPC1206X07N keramik	1	CGA5L2X7R2A105K160AA
C107	27n	CAP-5mm	1	ECQ-V1H273JL
C108	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C109	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C110	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C111	1n0	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C112	27n	CAP-5mm	1	ECQ-V1H273JL
C113	27n	CAP-5mm	1	ECQ-V1H273JL
C114	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C115	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C116	1500p	CAP-5mm	1	FK28C0G1H152J
C117	22.0*35v	KVH 6,3	1	35SVPF22M
C118	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C119	1uF	CAPC1206X07N keramik	1	CGA5L2X7R2A105K160AA
C120	1000p	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C121	470p	CAP-5mm	1	FK28C0G1H471J
C122	22.0*35v	KVH 6,3	1	35SVPF22M
C123	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C124	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C125	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C126	1000p	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C127	1500p	CAP-5mm	1	FK28C0G1H152J
C128	22.0*35v	KVH 6,3	1	35SVPF22M
C129	1000p	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C130	470p	CAP-5mm	1	FK28C0G1H471J
C131	22.0*35v	KVH 6,3	1	35SVPF22M
C132	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C133	1.0	CAP_A 3217X16N tantal	1	F951V105MAAAQ2
C134	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C135	1000p	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C136	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C137	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C138	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C139	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C140	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C141	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C142	220.0	CAP_E 7444X43N tantal	1	T520D227M010ATE018
C143	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C144	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C145	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C146	10.0 tantal	CAP_E 7444X43N tantal	1	T491D106M035AT
C147	220.0	CASE V (2924)	1	293D227X9016E2TE3

C148	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C149	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C150	220.0	CASE V (2924)	1	293D227X9016E2TE3
C151	220.0	CASE V (2924)	1	293D227X9016E2TE3
C152	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C153	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C154	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C155	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C156	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C157	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C158	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C159	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C160	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C161	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C162	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C163	680p	CAPC0805X06N ceramik	1	08051A681JAT2A
C164	0.01	CAPC0805X06N ceramik	1	VJ0805Y103KXBMC
C165	1.0 uF	CAPC1206X07N ceramik	1	CGA5L2X7R2A105K160AA
C166	1.0 uF	CAPC1206X07N ceramik	1	CGA5L2X7R2A105K160AA
C167	0.01	CAPC0805X06N ceramik	1	VJ0805Y103KXBMC
C168	10.0 uF	CAPC1206X07N ceramik	1	CGA5L1X7R1E106K160AC
C169	0.01	CAPC0805X06N ceramik	1	VJ0805Y103KXBMC
C170	10.0	CAPC1206X07N ceramik	1	CGA5L1X7R1E106K160AC
C171	10.0	CAPC1206X07N ceramik	1	CGA5L1X7R1E106K160AC
C172	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C173	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C174	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C175	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C176	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C177	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C178	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C179	13	CAPC0805X06N ceramik	1	08051A130JAT2A
C180	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D
C181	24	CAPC0805X06N ceramik	1	GRM2195C2A240JZ01D
C182	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D
C183	15	CAPC0805X06N ceramik	1	VJ0805A150JXBCW1BC
C184	13	CAPC0805X06N ceramik	1	08051A130JAT2A
C185	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D
C186	24	CAPC0805X06N ceramik	1	GRM2195C2A240JZ01D
C187	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D
C188	15	CAPC0805X06N ceramik	1	VJ0805A150JXBCW1BC
C189	0.1	CAPC0805X06N ceramik	1	C0805C104K5RACTU
C190	13	CAPC0805X06N ceramik	1	08051A130JAT2A
C191	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D
C192	24	CAPC0805X06N ceramik	1	GRM2195C2A240JZ01D
C193	30	CAPC0805X06N ceramik	1	81-GRM215C2A300JZ01D

C194	15	CAPC0805X06N keramik	1	VJ0805A150JXBCW1BC
C195	13	CAPC0805X06N keramik	1	08051A130JAT2A
C196	30	CAPC0805X06N keramik	1	81-GRM215C2A300JZ01D
C197	24	CAPC0805X06N keramik	1	GRM2195C2A240JZ01D
C198	30	CAPC0805X06N keramik	1	81-GRM215C2A300JZ01D
C199	15	CAPC0805X06N keramik	1	VJ0805A150JXBCW1BC
C200	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C201	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C202	1.0	CAPC1206X07N keramik	1	CGA5L2X7R2A105K160AA
C203	10.0	CAPC1206X07N keramik	1	CGA5L1X7R1E106K160AC
C204	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C205	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C206	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C207	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C208	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C209	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C210	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C211	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C212	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C213	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C214	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C215	10.0	CAPC1206X07N keramik	1	CGA5L1X7R1E106K160AC
C216	0.01	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C217	1.0	CAPC1206X07N keramik	1	CGA5L2X7R2A105K160AA
C218	1.0	CAPC1206X07N keramik	1	CGA5L2X7R2A105K160AA
C219	0.01	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C220	10.0	CAPC1206X07N keramik	1	CGA5L1X7R1E106K160AC
C221	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C222	68n	CAPC0805X06N keramik	1	C2012X7R2A683K085AA
C223	6800	CAPC0805X06N keramik	1	C0805C682J1GACTU
C224	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C225	0,1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C226	0,1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C227	0,1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C228	0,1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C229	0,1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C230	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C231	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C232	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C233	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C234	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C235	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C236	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C237	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C238	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C239	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C240	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C241	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C242	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C243	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU

C244	27p	CAPC0805X06N keramik	1	C0805C270J1GACTU
C245	27p	CAPC0805X06N keramik	1	C0805C270J1GACTU
C246	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C247	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C248	1n	CAPC0805X06N keramik	1	VJ0805A102JBBC31
C249	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C250	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C251	1uF	CAPC0805X06N keramik	1	C0805C105M5RACTU
C252	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C253	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C254	22nF	CAPC0805X06N keramik	1	08051C223KAT4A
C255	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C256	4.7p	CAPC1206X07N keramik	1	VJ1206A4R7CXBCW1BC
C257	22p	CAPC1206X07N keramik	1	C1206C220J1GACTU
C258	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C259	18p	CAPC1206X07N keramik	1	VJ1206A180KXBCW1BC
C260	15p	CAPC1206X07N keramik	1	VJ1206A150JXBPW1BC
C261	150p*	CAPC1206X07N keramik	1	C1206C151J1GACTU
C262	18p	CAPC1206X07N keramik	1	VJ1206A180KXBCW1BC
C263	56p	CAPC1206X07N keramik	1	12061A560JAT2A
C264	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C265	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C266	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C267	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C268	22nF	CAPC0805X06N keramik	1	08051C223KAT4A
C269	10n	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C270	10n	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C271	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C272	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C273	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C274	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C275	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C276	10uF	CAP_A 3217X16N tantal	1	F951C106MAAAQ2
C277	0.1	CAPC0805X06N keramik	1	C0805C104K5RACTU
C278	10n	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C279	10n	CAPC0805X06N keramik	1	VJ0805Y103KXBMC
C_1	4.5-20	C_trimer	1	TZC3P300A110B00
C_2	4.5-20	C_trimer	1	TZC3P300A110B00
C_3	4.5-20	C_trimer	1	TZC3P300A110B00
C_4	4.5-20	C_trimer	1	TZC3P300A110B00
C_5	4.5-20	C_trimer	1	TZC3P300A110B00
C_6	4.5-20	C_trimer	1	TZC3P300A110B00
C_7	4.5-20	C_trimer	1	TZC3P300A110B00
C_8	4.5-20	C_trimer	1	TZC3P300A110B00
C_9	4.5-20	C_trimer	1	TZC3P300A110B00
C_10	4.5-20	C_trimer	1	TZC3P300A110B00
C_11	4.5-20	C_trimer	1	TZC3P300A110B00
C_12	4.5-20	C_trimer	1	TZC3P300A110B00
C_13	4.5-20	C_trimer	1	TZC3P300A110B00
C_14	4.5-20	C_trimer	1	TZC3P300A110B00

C_15	4.5-20	C_trimer	1	TZC3P300A110B00
C_16	4.5-20	C_trimer	1	TZC3P300A110B00
C_17	4.5-20	C_trimer	1	TZC3P300A110B00
C_18	4.5-20	C_trimer	1	TZC3P300A110B00
C_19	4.5-20	C_trimer	1	TZC3P300A110B00
C_20	4.5-20	C_trimer	1	TZC3P300A110B00
C_21	4.5-20	C_trimer	1	TZC3P300A110B00
C_22	4.5-20	C_trimer	1	TZC3P300A110B00
C_23	4.5-20	C_trimer	1	TZC3P300A110B00
C_24	4.5-20	C_trimer	1	TZC3P300A110B00
C_25	4.5-20	C_trimer	1	TZC3P300A110B00
C_26	4.5-20	C_trimer	1	TZC3P300A110B00
DA1	AG604-89	AG604-89 SOT89	1	AG604-89G
DA2	LM317	4-Lead SOT-223 (EMP)	1	LM317DCYRG3
DA3	INA163	SOP127P580X175-14M	1	INA163UA
DA4	FST3253	TSSOP16	1	FST3253MTCX
DA5	INA163	SOP127P580X175-14M	1	INA163UA
DA6	DRV135UA		1	DRV135UA
DA7	NJM4558	SOP8	1	NJM4558M
DA8	FST3253	TSSOP16	1	FST3253MTCX
DA9	DRV135UA		1	DRV135UA
DA10	Kren_5	KREN_2 5Volt Regulator	1	L7805ABV
DA11	SN65LVDT34D	SOP8	1	SN65LVDT34D
DA12	OPA2674	SOP8	1	OPA2674ID
DA13	LM317	4-Lead SOT-223 (EMP)	1	LM317DCYRG3
DA14	TLC0832C		1	TLC0832CD
DD1	74AC86	SOP127P580X175-14M	1	SN74AC86D
DD2	74AC574	SOP127P1030X265-20M	1	MC74AC574DWR2G
DD3	74HC139	SOP127P780X265-16M	1	SN74HC139NSR
DD4	74HC595	SOP127P780X265-16M	1	SN74HC595NSR
DD5	ULN2003	SOP127P780X265-16M	1	ULN2003ANSR
DD6	74HC595	SOP127P780X265-16M	1	SN74HC595NSR
DD7	ULN2003	SOP127P780X265-16M	1	ULN2003ANSR
DD8	74HC595	SOP127P780X265-16M	1	SN74HC595NSR
DD9	74HC595	SOP127P780X265-16M	1	SN74HC595NSR
DD10	74AC574	SOP127P1030X265-20M	1	MC74AC574DWR2G
DD11	ULN2003	SOP127P780X265-16M	1	ULN2003ANSR
DD12	74HC14	SOP127P580X175-14M	1	SN74HC14DR
DR1	100uH	INDP6363X30N	1	ELL-5PS101M
DR2	100uH	LR_12.0	1	CAL45TB101K
DR3	100uH	LR_12.0	1	CAL45TB101K
DR4	L_fb	DR_000 1206	1	CRCW12060000Z0EA
DR5	L_fb	DR_000 1206	1	CRCW12060000Z0EA
DR6	L_fb	DR_000 1206	1	CRCW12060000Z0EA
DR7	L_fb	DR_000 1206	1	CRCW12060000Z0EA
DR8	10uH	8 turns of wire 1 mm in the ferrite core diameter of 6 mm	1	
DR9	100uH	INDP6363X30N	1	ELL-5PS101M
GG1	VCXO14x9-3HXXC02	Digikey 744-1272-ND	1	CVHD-950-125.000
IC1	LP2985***3.3v	SOT-23-5	1	LP2985-33DBVR

IC2	LP2985***3.3v	SOT-23-5	1	LP2985-33DBVR
IC3	LP2985***1.8v	SOT-23-5	1	LP2985-18DBVR
IC4	AD9958	LFCSP_VQ	1	AD9958BCPZ
IC5	TPS76833QPWP		1	TPS76833QPWP
IC6	LP2985***1.8v	SOT-23-5	1	LP2985-18DBVR
IC7	LP2985***3.3v	SOT-23-5	1	LP2985-33DBVR
IC8	AT91SAM7Sxxx	64-lead LQFP	1	AT91SAM7S64C-AU
IC9	LM1117(+3.3V)	SOT223 REG1117-3.3/2K5	1	LM1117T-3.3/NOPB
IC10	CY7C68013-56PUC		1	CY7C68013A-56PVXC
IC11	24C64SM		1	AT24C64D-SSHM-T
J1	RP-103	RP-103	1	
J2	POWER +13.8V	PWR (Digikey)	1	PJ-031DH
J3	BNC-RJ	BNC	1	31-5431-1010
JT1	JTAG_10pin		1	
K1	Relay_IM06 GR 12v to ATT	IM06 GR	1	IM06GR
K2	Relay_IM06 GR 12v to ATT	IM06 GR	1	IM06GR
K3	Relay_IM06 GR 12v to ATT	IM06 GR	1	IM06GR
K4	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K5	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K6	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K7	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K8	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K9	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K10	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K11	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K12	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K13	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K14	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K15	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K16	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K17	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K18	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K19	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K20	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K21	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K22	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K23	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K24	Relay_IM06 GR 12v to TRX	IM06 GR	1	IM06GR
K25	Relay_IM06 GR 12v to TRX	IM06 GR	1	IM06GR
K26	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
K27	Relay_IM06 GR 12v to BPF	IM06 GR	1	IM06GR
L1	11.6uH	K13_amidon	1	
L2	11.6uH	K13_amidon	1	
L3	11.6uH	K13_amidon	1	
L4	1.156uH	K13_amidon	1	
L5	1.156uH	K13_amidon	1	
L6	1.156uH	K13_amidon	1	
L7	6.6uH	K13_amidon	1	
L8	6.6uH	K13_amidon	1	
L9	6.6uH	K13_amidon	1	

L10	0.78uH	K13_amidon	1	
L11	0.78uH	K13_amidon	1	
L12	0.78uH	K13_amidon	1	
L13	3.75uH	K13_amidon	1	
L14	3.75uH	K13_amidon	1	
L15	3.75uH	K13_amidon	1	
L16	2.2uH	K13_amidon	1	
L17	2.2uH	K13_amidon	1	
L18	2.2uH	K13_amidon	1	
L19	1.75uH	K13_amidon	1	
L20	1.75uH	K13_amidon	1	
L21	1.75uH	K13_amidon	1	
L22	5.0uH	K13_amidon	1	
L23	5.0uH	K13_amidon	1	
L24	5.0uH	K13_amidon	1	
L25	0.27uH	L_BPF	1	
L26	0.15uH	L_BPF	1	
L27	0.15uH	L_BPF	1	
L28	150n	L-SMD 0805CS-151XJLB	1	SMD inductor 150nH
L29	150n		1	SMD inductor 150nH
L30	150n	L-SMD	1	SMD inductor 150nH
L31	150n	L-SMD	1	SMD inductor 150nH
L32	150n	L-SMD	1	SMD inductor 150nH
L33	150n	L-SMD	1	SMD inductor 150nH
L34	150n	L-SMD	1	SMD inductor 150nH
L35	150n	L-SMD	1	SMD inductor 150nH
L36	123nH	Air core 5mm dia 20awg 7 truns	1	
L37	152nH	Air core 5mm dia 20awg 8 truns	1	
MIC1	RJ 45	RJ 45	1	09455511102
Q1	12mHz	ABMM_Кварц	1	ABMM-12.000MHZ-B2-T
Q2	24MHz	KX_K Quattz	1	9B-24.000MAAJ-B
R1	2.2	RES_0805X06N	1	RCG08052R20JNEA
R2	2.2	RES_0805X06N	1	RCG08052R20JNEA
R3	71.5	RES_0805X06N	1	CRCW080571R5FKEA
R4	274.1	RES_0805X06N	1	ERJ-6ENF2740V
R5	65 Data sheet 130 ohm	RES_1206X07N	1	CRCW1206130RFKEA
R6	65 Data sheet 130 ohm	RES_1206X07N	1	CRCW1206130RFKEA
R7	97.6	RES_0805X06N	1	CRCW080597R6FKEA
R8	61.1	RES_0805X06N	1	ERJ-6ENF60R4V
R9	97.6	RES_0805X06N	1	CRCW080597R6FKEA
R10	61.1	RES_0805X06N	1	ERJ-6ENF60R4V
R11	49.9	RES_0805X06N	1	CRCW080549R9FKEA
R12	11k	RES_0805X06N	1	CRCW080511K0FKTA
R13	2k	RES_0805X06N	1	CRCW08052K00FKEA
R14	2k	RES_0805X06N	1	CRCW08052K00FKEA
R15	22k	RES_0805X06N	1	CRCW080522K0FKEA
R16	10k	RES_0805X06N	1	CRCW080510K0FKEB
R17	22k	RES_0805X06N	1	CRCW080522K0FKEA
R18	390	RES_0805X06N	1	CRCW0805390RFKEA
R19	2K7	RES_0805X06N	1	CRCW08052K70FKEA

R20	1k	RES_0805X06N	1	CRCW08051K00FKEA
R21	1k	RES_0805X06N	1	CRCW08051K00FKEA
R22	316	RES_0805X06N	1	CRCW0805316RFKEA
R23	22k	RES_0805X06N	1	CRCW080522K0FKEA
R24	95.3	RES_0805X06N	1	CRCW080595R3FKEA
R25	95.3	RES_0805X06N	1	CRCW080595R3FKEA
R26	10K	RES_0805X06N	1	CRCW080510K0FKEB
R27	316	RES_0805X06N	1	CRCW0805316RFKEA
R28	10K	RES_0805X06N	1	CRCW080510K0FKEB
R29	15k4	RES_0805X06N	1	CRCW080515K4FKEA
R30	3.6k	RES_0805X06N	1	ERJ-6ENF3601V
R31	1k	RES_0805X06N	1	CRCW08051K00FKEA
R32	5k1	RES_0805X06N	1	CRCW08055K10FKEA
R33	15k4	RES_0805X06N	1	CRCW080515K4FKEA
R34	3.6k	RES_0805X06N	1	ERJ-6ENF3601V
R35	1k	RES_0805X06N	1	CRCW08051K00FKEA
R36	1k0	RES_1206X07N	1	RT1206FRE071KL
R37	1k0	RES_1206X07N	1	RT1206FRE071KL
R38	3k3	RES_0805X06N	1	RK73H2ATTD3301F
R39	16k	RES_0805X06N	1	CRCW080516K0FKEA
R40	1k	RES_0805X06N	1	CRCW08051K00FKEA
R41	1k	RES_0805X06N	1	CRCW08051K00FKEA
R42	16k	RES_0805X06N	1	CRCW080516K0FKEA
R43	1k	RES_0805X06N	1	CRCW08051K00FKEA
R44	1K	RES_0805X06N	1	CRCW08051K00FKEA
R45	49.9	RES_0805X06N	1	CRCW080549R9FKEA
R47	10k	RES_0805X06N	1	CRCW080510K0FKEB
R48	10k	RES_0805X06N	1	CRCW080510K0FKEB
R49	49.9	RES_0805X06N	1	CRCW080549R9FKEA
R50	10k	RES_0805X06N	1	CRCW080510K0FKEB
R51	49.9	RES_0805X06N	1	CRCW080549R9FKEA
R52	1.91k	RES_0805X06N	1	CRCW08051K91FKEA
R53	10k	RES_0805X06N	1	CRCW080510K0FKEB
R55	49.9	RES_0805X06N	1	CRCW080549R9FKEA
R56	470	RES_0805X06N	1	CRCW0805470RFKEA
R57	000	RES_0805X06N	1	CRCW08050000Z0EA
R58	160	RES_0805X06N	1	CRCW0805160RFKEA
R59	300	RES_0805X06N	1	CRCW0805300RFKEA
R60	22k	RES_0805X06N	1	CRCW080522K0FKEA
R61	22k	RES_0805X06N	1	CRCW080522K0FKEA
R62	22k	RES_0805X06N	1	CRCW080522K0FKEA
R63	22k	RES_0805X06N	1	CRCW080522K0FKEA
R64	300	RES_0805X06N	1	CRCW0805300RFKEA
R65	300	RES_0805X06N	1	CRCW0805300RFKEA
R66	300	RES_0805X06N	1	CRCW0805300RFKEA
R67	1k	RES_0805X06N	1	CRCW08051K00FKEA
R68	300	RES_0805X06N	1	CRCW0805300RFKEA
R69	300	RES_0805X06N	1	CRCW0805300RFKEA
R70	300	RES_0805X06N	1	CRCW0805300RFKEA
R71	300	RES_0805X06N	1	CRCW0805300RFKEA

R72	300	RES_0805X06N	1	CRCW0805300RFKEA
R73	300	RES_0805X06N	1	CRCW0805300RFKEA
R74	220	RES_0805X06N	1	CRCW0805220RFKEA
R75	1m0	RES_0805X06N	1	CRCW08051M00FKEB
R76	360	RES_0805X06N	1	CRCW0805360RFKEA
R77	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R78	360	RES_0805X06N	1	CRCW0805360RFKEA
R79	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R80	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R81	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R82	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R83	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R84	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R85	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R86	22k	RES_0805X06N	1	CRCW080522K0FKEA
R87	22k	RES_0805X06N	1	CRCW080522K0FKEA
R88	4k7	RES_0805X06N	1	CRCW08054K70FKEA
R89	1k	RES_0805X06N	1	CRCW08051K00FKEA
R90	300	RES_0805X06N	1	CRCW0805300RFKEA
R91	750*	RES_0805X06N	1	CRCW0805750RFKEA
R92	100	RES_0805X06N	1	CRCW0805100RFKEA
R93	5R1	RES_0805X06N	1	CRCW08055R10FKEA
R94	2k4	RES_0805X06N	1	ERJ-6ENF2401V
R95	1k	RES_0805X06N	1	CRCW08051K00FKEA
R96	2k4	RES_0805X06N	1	ERJ-6ENF2401V
R97	1k	RES_0805X06N	1	CRCW08051K00FKEA
R98	5R1	RES_0805X06N	1	CRCW08055R10FKEA
R99	100	RES_0805X06N	1	CRCW0805100RFKEA
R100	50	RES_0805X06N	1	CRCW080550R0FKTA
R101	50	RES_0805X06N	1	CRCW080550R0FKTA
R102	750*	RES_0805X06N	1	CRCW0805750RFKEA
R103	300	RES_0805X06N	1	CRCW0805300RFKEA
R104	1k	RES_0805X06N	1	CRCW08051K00FKEA
R105	100k	R_TRIMER	1	3266W-1-104LF
R106	100k	R_TRIMER	1	3266W-1-104LF
R107	4k7	R_TRIMER	1	3266W-1-502LF
R108	4k7	R_TRIMER	1	3266W-1-502LF
R109	10K	RES_0805X06N	1	CRCW080510K0FKEB
R110	390	RES_0805X06N	1	CRCW0805390RFKEA
R111	2K7	RES_0805X06N	1	CRCW08052K70FKEA
R112	1k0	RES_0805X06N	1	CRCW08051K00FKEA
R113	22k	RES_0805X06N	1	CRCW080522K0FKEA
RPA1	1k0	RES_0805X06N	1	CRCW08051K00FKEA
R_1	5k1	RES_0805X06N	1	CRCW08055K10FKEA
T1	TC4-1T	TC1-1	1	TC-1TG2+
TR1	TC1-1T	TC1-1	1	ETC1-1T-2-TR
TR2	TC1-1T	TC1-1	1	ETC1-1T-2-TR
TR3	TC1-1T	TC1-1	1	ETC1-1T-2-TR
TR4	TC1-1T	TC1-1	1	ETC1-1T-2-TR
TR5	BN-43-202	BN_43_202	1	

TR6	Tandem_Match	PCB-Tandem Mach	1	
TR7	TC4-1T	TC1-1	1	TC-1TG2+
TS1	KT_1	Pin_1	1	
USB1	Header_4	Header_4	1	
VD1	BAS16	SOT95P245X110-3N	1	BAS16
VD2	1N4002	DO-214AC	1	FM4002-W
VD3	BAS16	SOT95P245X110-3N	1	BAS16
VD4	BAS16	SOT95P245X110-3N	1	BAS16
VD5	BAS16	SOT95P245X110-3N	1	BAS16
VD6	BAS16	SOT95P245X110-3N	1	BAS16
VD7	5V1	DIOMELF3515N	1	BZV55-C5V1,115
VD8	5V1	DIOMELF3515N	1	BZV55-C5V1,115
VD9	LED	CAPC0805X06N ceramik	1	LY Q976-P1S2-36
VD10	LED	CAPC0805X06N ceramik	1	LY Q976-P1S2-36
VD11	BAT41	BAT	1	BAT41
VD12	BAT41	BAT	1	BAT41
VD13	1N4002	DO-214AC	1	FM4002-W
VT1	2N7002	SOT95P230X110-3N	1	2N7002,215
VT2	IRLML5103		1	IRLML5103TRPBF
VT3	2N7002	SOT95P230X110-3N	1	2N7002,215
VT4	2N7002	SOT95P230X110-3N	1	2N7002,215
VT5	2N7002	SOT95P230X110-3N	1	2N7002,215
VT6	2N7002	SOT95P230X110-3N	1	2N7002,215
VT7	2N7002	SOT95P230X110-3N	1	2N7002,215
VT8	2N7002	SOT95P230X110-3N	1	2N7002,215
VT9	2N7002	SOT95P230X110-3N	1	2N7002,215
VT10	2N7002	SOT95P230X110-3N	1	2N7002,215
VT11	2N7002	SOT95P230X110-3N	1	2N7002,215
VT12	RD06HHF		1	The Parts Place
VT13	RD06HHF		1	The Parts Place
VT14	IRLML5203	SOT95P230X110-3N	1	IRLML5203TRPBF
VT15	2N7002	SOT95P230X110-3N	1	2N7002,215
X1	SCR-15S	SCR-15S	1	
X2	USB-B	USB-B	1	UE27-BC54-130
XS1	Header_2	Header_2	1	
XS2	Header_2	Header_2	1	
XS3	Header_2	Header_2	1	
XS4	Comment	Header_3	1	
XS5	Header_2	Header_4	1	
XS6	Comment	Header_3	1	
XS7	Heager4x2	2X4_CONEKT	1	
XS8	Heager6x2	2X6_CONEKT	1	
XS9	POWER +13.8V	Header_4	1	
XS10	Header_2	Header_2	1	
XS11	Header_3	Header_3	1	
XS12	Header_2	Header_2	1	
XS13	POWER + - 15,0V	Header_3	1	
XS14	PTT	Header_2	1	NMV0515SC
XS15	KEY	Header_3	1	
XS16	Ext. Oscillator	Header_2	1	

XS17	Header_3	Header_3	1	
XS18	Header_3	Header_3	1	
XS19	Header_2	Header_2	1	
XS20	Header_2	Header_2	1	
XS21	ANT	Header_2	1	

