

Resistors		
	Value	Case
R1	0,005R	1W
R3	2,7k	1206 (3216)
R4	2,7k	1206 (3216)
R5	16,9R	0,5W
R10	121k	0805 (2012)
R11	121k	1206 (3216)
R13	43,2k	1206 (3216)
R14	43,2k	1206 (3216)
R15	3M	1206 (3216)
R16	3M	1206 (3216)
R20	0R	
R25	10k	0805 (2012)
R26	10k	0805 (2012)
R27	1,2M	1206 (3216)
R28	1,2M	1206 (3216)
R29	1,2M	1206 (3216)
R31	4,7M	1206 (3216)
R32	4,7M	1206 (3216)
R34	510R	0805 (2012)
R35	110k	0805 (2012)
R37	91R	0805 (2012)
R40	51R	0805 (2012)
R41	36k	1206 (3216)
R42	36k	0805 (2012)
R43	1,2M	0805 (2012)
R44	11k	0805 (2012)
R45	510k	0805 (2012)
R46	20k	0805 (2012)
R47	10R	0805 (2012)
R48	20k	0805 (2012)
R49	20R	1206 (3216)
R50	10R	0805 (2012)
R51	33k	0805 (2012)
R52	1k	0805 (2012)
R53	2R	1206 (3216)
R54	2,2R	1206 (3216)
R55	41,2k	0805 (2012)
R56	100k	0805 (2012)
R57	8,2k	0805 (2012)
R58	15R	0805 (2012)
R59	15R	0805 (2012)
R60	82,5k	0805 (2012)
R61	8,25k	0805 (2012)
R62	33k	0805 (2012)
R63	20R	1206 (3216)
R64	39k	0805 (2012)
R66	36k	0805 (2012)
R67	267k	0805 (2012)
R68	820k	0805 (2012)

Capacitors		
	Value	Case
C1	100uF, 450V	TH
C2	150uF, 450V	TH
C5	2,2uF, 450V	TH
C6	1,5uF, 450V	TH
C15	1nF	1206 (3216)
C16	1.5nF	1206 (3216)
C17	0,1uF 630V MKP	TH
C18	100pF	1206 (3216)
C19	100pF	1206 (3216)
C20	1.5nF	1206 (3216)
C21	10nF	1206 (3216)
C22	10nF	1206 (3216)
C23	10nF	1206 (3216)
C24	10nF	1206 (3216)
C25	150uF 35V	TH
C28	470pF	1206 (3216)
C29	470pF	1206 (3216)
C30	220pF	1206 (3216)
C31	220pF	1206 (3216)
C33	57pF	1206 (3216)
C34	1uF	0805 (2012)
C35	2.2uF	0805 (2012)
C37	57pF	1206 (3216)
C39	680pF	0805 (2012)
C43	1nF	0805 (2012)
C44	2.2uF	0805 (2012)
C45	10nF	0805 (2012)
C46	100nF	0805 (2012)
C47	100nF	0805 (2012)
C48	2.2uF	1206 (3216)
C49	2.2uF	1206 (3216)
C50	2.2uF	1206 (3216)
C51	0,47uF 630V	TH
C56	500nF	0805 (2012)
C60	470nF	0805 (2012)
C64	22nF	0805 (2012)
C65	100nF	0805 (2012)
C66	100nF	0805 (2012)
C71	1nF	0805 (2012)
C73	1uF	0805 (2012)
C74	1uF	0805 (2012)
C75	2.2nF	0805 (2012)
C76	1uF	0805 (2012)
C77	100nF	0805 (2012)
C78	330nF	0805 (2012)
C80	220pF	0805 (2012)
C81	220pF	0805 (2012)
C102	1nF	0805 (2012)
C103	1nF	0805 (2012)

Diodes		
	Value	Case
D1	S1M	SMA
D10	STTH10LCD06FP	TO-220FPAC
D11	STTH10LCD06FP	TO-220FPAC
D21	S1M	SMA
D22	A6 (BAS316)	SOD323
D34	A6 (BAS316)	SOD323
D41	S1M	SMA
D42	S1M	SMA
D50	A6 (BAS316)	SOD323
D51	A6 (BAS316)	SOD323
D81	A6 (BAS316)	SOD323
D82	A6 (BAS316)	SOD323
D83	H10	SMA
D84	MURS360BT3G	SMB
D85	MURS360BT3G	SMB
D101	BQ20BM (RBQ20BM45A)	TO-252
D134	48 (BAT48JFILM)	SOD-323
D135	48 (BAT48JFILM)	SOD-323
ZD24	J1 (MMSZ5246)	SOD-123
ZD31	J3 (MMSZ5248BT1G)	SOD-123
ZD32	J3 (MMSZ5248BT1G)	SOD-123
ZD35	ZM (PDZ18B-Q)	SOD323
ZD36	ZM (PDZ18B-Q)	SOD323
ZD37	ZC (PDZ7.5B-Q)	SOD323
ZD38	K2 (MMSZ5252)	SOD-123
ZD39	8.2V	SOD80
ZD40	ZK (PDZ15B-Q)	SOD323
ZD131	ZM (PDZ18B-Q)	SOD323
ZD132	ZC (PDZ7.5B-Q)	SOD323
ZD202	9.1V	SOD80

Transistors		
	Value	Case
Q2	MO4I	SOT-23
Q3	STF18N60M2	TO-220FP
Q4	STF18N60M2	TO-220FP
Q5	IPA65R190CFD	TO-220FP
Q6	IPA65R190CFD	TO-220FP
Q7	MO4I	SOT-23
Q8	MO4I	SOT-23
Q9	STD3N62K3	DPAK
Q32	MMBT4403LT1	SOT-23
Q33	MMBT4403LT1	SOT-23
Q41	ZEW (PBSS4240T)	SOT-23
Q101	AP9992AGI	TO-220CFM
Q102	AP9992AGI	TO-220CFM
Q103	AP9992AGI	TO-220CFM
Q104	AP9992AGI	TO-220CFM

Resistors		
R69	330R	0805 (2012)
R70	4,7M	1206 (3216)
R72	2,2M	1206 (3216)
R74	4,3k	0805 (2012)
R75	33k	0805 (2012)
R76	16k	0805 (2012)
R77	1,5k	0805 (2012)
R78	2,2M	1206 (3216)
R79	3,32k	0805 (2012)
R80	2,2k	0805 (2012)
R81	1,3k	0805 (2012)
R82	1,2k	0805 (2012)
R83	18,7k	0805 (2012)
R84	51R	0805 (2012)
R85	10k	0805 (2012)
R86	51R	0805 (2012)
R87	10k	0805 (2012)
R88	2k	0805 (2012)
R89	9,09k	0805 (2012)
R90	2,2M	1206 (3216)
R101	24R	0805 (2012)
R102	24R	0805 (2012)
R111	0,025R	1206 (3216)
R112	0,001R	2512 (6332)
R142	910R	0805 (2012)
R144	649R	0805 (2012)
R145	10k	0805 (2012)
R146	16,9k	0805 (2012)
R147	15k	0805 (2012)
R151	7,5k	0805 (2012)
R152	75k	0805 (2012)
R153	78C	0603 (1608)
R154	OR	0805 (2012)
R155	280R	0805 (2012)
R156	10R	1206 (3216)
R157	19,6k	0805 (2012)
R158	200R	0805 (2012)
R162	OR	0805 (2012)
R163	200R	0805 (2012)
R164	750k	1206 (3216)
R167	120R	0805 (2012)
R168	10k	0805 (2012)
R169	36k	0805 (2012)
R170	536R	0805 (2012)
R171	10R	0805 (2012)
R172	511R	0805 (2012)
R173	100k	0805 (2012)
R181	6,8k	0805 (2012)
R182	1,4k	0805 (2012)
R183	1k	0805 (2012)
R184	249R	0603 (1608)
R185	7,5k	0603 (1608)
R186	100R	0805 (2012)
R188	5,1k	0805 (2012)
R189	10R	0805 (2012)
R190	2,05k	0603 (1608)
R191	2,2R	0805 (2012)
R192	2,2R	0805 (2012)
R193	5,1k	0805 (2012)
R194	2,2R	0805 (2012)
R195	2,2R	0805 (2012)
R509	10R	1206 (3216)
R510	OR	

Capacitors		
C111	1500uF 10V	TH
C113	470uF 68V	TH
C114	470uF 68V	TH
C115	1500uF 16V	TH
C116	1500uF 16V	TH
C117	1500uF 16V	TH
C118	1500uF 16V	TH
C121	100nF	0805 (2012)
C122	100nF	0805 (2012)
C123	1500uF 10V	TH
C124	10nF	0805 (2012)
C131	2.2uF	0805 (2012)
C132	2.2uF	0805 (2012)
C134	2.2uF	0805 (2012)
C135	2.2uF	0805 (2012)
C136	2.2uF	0805 (2012)
C137	1uF	0805 (2012)
C139	100nF	0805 (2012)
C140	100pF	0805 (2012)
C141	33nF	0805 (2012)
C151	1uF	0805 (2012)
C152	2.2uF	0805 (2012)
C153	1nF	0805 (2012)
C157	33nF	0805 (2012)
C158	100nF	0805 (2012)
C181	22nF	0805 (2012)
C184	1uF	0805 (2012)

Integrated Circuits		
	Value	Case
IC31	DAP041 (SCY99194AD065R2G) replacement: LD5760GR possible: NCP1246A65DR2G	SOIC-7
IC32	DDA001AG	SOP 15
IC41	NCP1631GS	SOIC-16
IC43	EL1013-G	4 PIN SOP
IC51	EL1013-G	4 PIN SOP
IC52	EL1013-G	4 PIN SOP
IC53	EL1013-G	4 PIN SOP
IC55	EL1013-G	4 PIN SOP
IC101	MP6922L	SOIC8
IC131	T4FS (TL432LI)	SOT-23
IC132	T4FS (TL432LI)	SOT-23
IC151	DNP012A	SOP16

Miscellaneous	
BD1	GBU10V08
Z1	105561k
CX1	X2 1uF, 310V AC
CX2	X2 1uF, 310V AC
NTC1	SCK 2R56 639
CY2	221K KX250V AC
CY3	221K KX250V AC
CY4	681K KX250V AC
CY5	151K KX250V AC
NTC41	470k (0603)
NTC151	470k (0603)
F1	T6.3A/250V