

SMD

value	ref	Footprint		value	ref	Footprint
22u/35v	C01	C_0805		1N4148	D17	SOD-323
100n 16V	C02	C_0805		1N4148	D18	DO-214AB
100u 35V	C03	C_0805		1N4148	D19	SOD-323
100n 35V	C04	c_elec_6.3x7.7		1N4148	D20	LEDs:LED_0805
100n	C05	C_0805		1N4148	D21	LEDs:LED_0805
100n	C06	C_0805		1N4148	D22	DO-214AB
100n/50v	C07	c_elec_6.3x7.7		1N4148	D23	DO-214AB
470n/10v	C08	C_0805		1N4148	D24	LEDs:LED_0805
100n/50v	C09	C_0805		2N7002	Q1	SOT-23_GDS
470n/10v	C10	C_0805		IRFR8314	Q2	TO-252-2Lead
4u7/10v	C11	C_0805		IRFR8314	Q3	TO-252-2Lead
100u/35v	C12	C_0805		IRFR8314	Q4	TO-252-2Lead
4u7/10v	C13	C_0805		IRFR8314	Q5	TO-252-2Lead
100n50v	C14	C_0805		DMN2075U	Q6	SOT-23_GDS
100u/35v	C15	C_0805		DMN2075U	Q7	SOT-23_GDS
100n50v	C16	C_0805		330R	R01	R_0805
100n/50v	C17	C_0805		4k7	R02	R_0805
22n/50v	C18	C_0805		100k	R03	R_0805
100n/50v	C19	C_0805		2r2	R06	R_0805
22n/50v	C20	C_0805		2r2	R07	R_0805
1u/50v	C21	C_0805		0r11	R08	R_0805
100n/50v	C22	c_elec_6.3x7.7		0r11	R09	R_0805
1u/50v	C23	c_elec_6.3x7.7		0r11	R10	R_0805
100n/50v	C24	C_0805		0r11	R11	R_0805
100n/50v	C25	C_0805		2r2	R12	R_0805
470n/10v	C26	C_0805		4k7	R13	R_0805
0.1u	C27	C_0805		4k7	R14	R_0805
4u7/10v	C28	C_0805		0r11	R15	R_0805
100u/35v	C29	C_0805		0r11	R16	R_0805
100n50v	C30	C_0805		NF	R17	R_0805
100n/50v	C31	C_0805		NF	R18	R_0805
22n/50v	C32	C_0805		NF	R19	R_0805
1u/50v	C33	C_0805		NF	R20	R_0805
100n/50v	C34	C_0805		220R	R21	R_0805
100n	C35	C_0805		220R	R22	R_0805
100n	C36	C_0805		1k	R23	R_0805
100n	C37	C_0805		1k	R24	R_0805
100n	C38	C_0805		220R	R25	R_0805
100n	C39	C_0805		220R	R26	R_0805
100n	C40	c_elec_4x5.3		1k	R27	R_0805
10u	C41	C_0805		1k	R28	R_0805
10u	C42	C_0805		220R	R29	R_0805
10u	C43	c_elec_6.3x7.7		220R	R30	R_0805
10u	C44	C_0805		1k	R31	R_0805

10u	C45	C_0805	1k	R32	R_0805
100n/50v	C46	C_0805	1k	R33	R_0805
4u7/10v	C47	C_0805	1k	R34	R_0805
100u/35v	C48	C_0805	1k	R35	R_0805
100n50v	C49	c_elec_6.3x7.7	1k	R36	R_0805
100n/50v	C50	C_0805	1k	R37	R_0805
470n/10v	C51	C_0805	1K	R38	R_0805
4u7/10v	C52	C_0805	1k	R39	R_0805
100u/35v	C53	C_0805	1k	R40	R_0805
100n/50v	C54	C_0805	10k	R41	R_0805
22n/50v	C55	C_0805	1k5	R42	R_0805
1u/50v	C56	C_0805	1k	R43	R_0805
100n/50v	C57	C_0805	2r2	R44	R_0805
100n/50v	C58	C_0805	2r2	R45	R_0805
22n/50v	C59	C_0805	0r11	R46	R_0805
1u/50v	C60	C_0805	0r11	R47	R_0805
100n/50v	C61	C_0805	0r11	R48	R_0805
100n/50v	C62	C_0805	0r11	R49	R_0805
470n/10v	C63	c_elec_6.3x7.7	2r2	R50	R_0805
0.1u	C64	C_0805	4k7	R51	R_0805
4u7/10v	C65	C_0805	4k7	R52	R_0805
100u/35v	C66	C_0805	0r11	R53	R_0805
100n50v	C67	C_0805	0r11	R54	R_0805
100n/50v	C68	C_0805	R_PACK8	RP1	SMD:R_Cat16-8
22n/50v	C69	C_0805	R_PACK8	RP2	SMD:R_Cat16-8
1u/50v	C70	C_0805	R_PACK4	RP3	R_Cat16-4
100n/50v	C71	C_0805	R_PACK4	RP4	R_Cat16-4
470n/10v	C72	C_0805	10K	RP5	SMD:R_Cat16-8
100n50v	C73	C_0805	10k	RP6	R_Cat16-4
SS10Pxx	D02	LEDs:LED_0805	10k	RP7	R_Cat16-4
ES1F	D03	LEDs:LED_0805	LM7812	U02	TSSOP-14
1N4148	D04	DO-214AB	74ACT244	U03	TSSOP-14
LED RED	D05	DO-214AB	74ACT244	U04	SOT-23
LED RED	D06	LEDs:LED_0805	TMC2130	U05	QFN-36
ES1F	D07	DO-214AB	TMC2130	U06	QFN-36
ES1F	D08	DO-214AB	DS3904	U07	MSOP-8
LED RED	D09	LEDs:LED_0805	TMC2130	U08	QFN-36
LED GRN	D1	LEDs:LED_0805	24C512	U09	TO-252-2Lead
LED RED	D10	LEDs:LED_0805	74LVC07A	U10	TSSOP-20
ES1F	D11	DO-214AB	74LVC07A	U11	TSSOP-20
ES1F	D12	DO-214AB	TL431_SOT23	U12	SOT-23
LED RED	D13	LEDs:LED_0805	TMC2130	U13	QFN-36
LED RED	D14	LEDs:LED_0805	TMC2130	U14	QFN-36
ES1F	D15	DO-214AB	DS3904	U15	MSOP-8
ES1F	D16	DO-214AB	TMC2130	U16	QFN-36

Thru

value	ref	Footprint		value	ref	Footprint
FUSE 15A	F1	FUSE-MINI-AUTO		LCD1	P16	Pin_Header_Straight_2x06
FUSE 10A	F2	FUSE-MINI-AUTO		LCD2	P17	MOLEX-KK-RM2-2pin
FUSE 10A	F3	FUSE-MINI-AUTO		D9	P18	MOLEX-KK-RM2-2pin
VLOG	JP1	Pin_Header_Straight_1x03		D8	P19	Pin_Header_Straight_2x04
5V_SEL	JP2	Pin_Header_Straight_1x03		D10	P20	MOLEX-KK-RM2-4pin
VSEL	JP3	Pin_Header_Straight_1x03		D11	P21	MOLEX-KK-RM2-4pin
VIN	JP4	Pin_Header_Straight_1x02		CONN_6	P22	MOLEX-KK-RM2-4pin
JUMP_MINI	JP5	Pin_Header_Straight_1x02		CONN_6X2	P23	RAMPS-FD v3:2p-conn-5,08
S1	K1	Pin_Header_Straight_1x03		D12	P24	MOLEX-KK-RM2-4pin
S2	K2	Pin_Header_Straight_1x03		D2	P25	Pin_Header_Straight_2x05
S3	K3	Pin_Header_Straight_1x03		CONN_4X2	P26	Pin_Header_Straight_1x02
S4	K4	Pin_Header_Straight_1x03		Y-MOT	P27	Pin_Header_Straight_1x02
E1_SPRD_En	P01	Pin_Header_Straight_1x02		Z-MOT1	P28	Pin_Header_Straight_1x02
RESET	P02	MOLEX-KK-RM2-4pin		X-MOT	P29	Pin_Header_Straight_1x02
HB_IN	P03	MOLEX-KK-RM2-4pin		Z-MOT2	P30	Pin_Header_Straight_1x02
MOT_IN	P04	Pin_Header_Straight_1x06		5v aux	P31	Pin_Header_Straight_1x02
POWER_IN	P05	Pin_Header_Straight_1x06		E2_SPRD_En	P32	Pin_Header_Straight_1x02
12V aux	P06	Pin_Header_Straight_1x04		E0_SPRD_En	P33	RAMPS-FD v3:2p-conn-5,08
PS-ON	P07	Pin_Header_Straight_1x04		Y_SPRD_En	P34	RAMPS-FD v3:2p-conn-5,08
ESTOP	P08	Pin_Header_Straight_2x05		Z_SPRD_En	P35	Pin_Header_Straight_2x05
E1-MOT	P09	Pin_Header_Straight_2x05		X_SPRD_En	P36	Pin_Header_Straight_1x01
E2-MOT	P10	RAMPS-FD v3:2p-conn-5,08		aux12_en	P37	MOLEX-KK-RM2-2pin
E0-MOT	P11	RAMPS-FD v3:2p-conn-5,08		aux5_en	P38	MOLEX-KK-RM2-4pin
SERIAL0	P12	Pin_Header_Straight_1x02		DUE	SHIELD1	arduinodue
SERIAL1	P13	RAMPS-FD v3:2p-conn-5,08		RESET	SW1	ThroughHole:PUSHB
I2C-0	P14	RAMPS-FD v3:2p-conn-5,08		oki-78sr-5h	U01	Horizontal_OKI_Mod
I2C-1	P15	Pin_Header_Straight_1x06				