

Mainboard

Qty	Value	Device	Package	Parts	Description
1		FE03-1	FE03-1	SV1	FEMALE HEADER
1		FE03-2	FE03-2	SV6	FEMALE HEADER
5		FE20-1	FE20	SV2, SV3, SV4, SV5, SV7	FEMALE HEADER
1		PINHD-1X10	1X10	JP6	PIN HEADER
3		PINHD-1X2	1X02	JP2, JP5, JP14	PIN HEADER
1		PINHD-1X3	1X03	JP1	PIN HEADER
6		PINHD-1X8	1X08	JP7-JP12	PIN HEADER
1		PINHD-2X18	2X18	JP13	PIN HEADER
1	100nF	C-EU025-024X044	C025-024X044	C2	CAPACITOR, European symbol
2	1N4007	1N4004	DO41-10	D1, D2	DIODE
1	3.3uF	CPOL-EUB45181A	B45181A	C1	POLARIZED CAPACITOR, European symbol
2	4k7	R-EU_0207/10	0207/10	R1, R2	RESISTOR, European symbol
1	7812T	7812T	TO220H	IC1	Positive VOLTAGE REGULATOR
1	MC2	MC2	MC2	X1	Mini-Combicon 3.81mm horizontal 2-polig
6	MOUNT-PAD	MOUNT-PAD-ROUND3.6	3,6-PAD	H1, H2, H3, H4, H5, H6	MOUNTING PAD, round
1	Reset	SWITCH-MOMENTARY-2PTH	TACTILE-PTH	S1	Various NO switches- pushbuttons, reed, etc

Input

Qty	Value	Device	Package	Parts	Description
16		C0805K	C0805K	C5- C20	CAPACITOR, European symbol
1		PINHD-1X20/90	1X20/90	JP1	PIN HEADER
3	100nF	025-024X044	C025-024X044	C2, C3, C4	CAPACITOR, European symbol
2	10K	G08R	SIL9	RN1, RN6	SIL RESISTOR
4	1K	E4RP	SIL8	RN3, RN5, RN8, RN10	SIL RESISTOR
1	3.3uF	CPOL-EUB45181A	B45181A	C1	POLARIZED CAPACITOR, European symbol
4	5K6	E4RP	SIL8	RN2, RN4, RN7, RN9	SIL RESISTOR
3	74HC14N	74HC14N	DIL14	IC1, IC2, IC3	Hex schmitt trigger INVERTER
4	ILQ1	ILQ1	DIL16	OK1, OK2, OK3, OK4	SIEMENS OPTO COUPLER
2	MC9	MC9	MC9	X1, X2	Mini-Combicon 3.81mm horizontal 9-polig
3	MOUNT-PAD-ROUND3.6	MOUNT-PAD-ROUND3.6	3,6-PAD	H1, H2, H3	MOUNTING PAD, round

Qty	Value	Device	Output		Description
			Package	Parts	
15		C-EU025-024X044	C025-024X044	C2-C16	CAPACITOR, European symbol
1		PINH-1X20/90	1X20/90	JP1	PIN HEADER
1	100nF	C-EU025-024X044	C025-024X044	C1	CAPACITOR, European symbol
8	1K	E4R	SIL8	RN1,4,5,8,9,12,13,16	SIL RESISTOR
16	1R	R-EU_0207/10	0207/10	R1 -R16	RESISTOR, European symbol
4	2K2	E4R	SIL8	RN3, RN7, RN11, RN15	SIL RESISTOR
4	5K6	E4R	SIL8	RN2, RN6, RN10, RN14	SIL RESISTOR
16	BD680	BD680	TO126AV	Q1-Q16	PNP DARLINGTON TRANSISTOR
16	BT169	BT169	TO92-2	T1-T16	THYRISTOR
4	ILQ1	ILQ1	DIL16	OK1, OK2, OK3, OK4	SIEMENS OPTO COUPLER
2	MC9	MC9	MC9	X1, X2	Mini-Combicon 3.81mm horizontal 9-polig
3	MOUNT-PAD-ROUND3.6	MOUNT-PAD-ROUND3.6	3,6-PAD	H1, H2, H3	MOUNTING PAD, round