

RutAdaptBoard-HMS BOM Rev2

Part Description	Designator	Value	Footprint	Specification	Quantity	Manufacturer	Manufacturer Part No.	Supplier	Supplier part num	Link
Ceramic Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C11, C12	10uF	C0402	X5R, 6.3V, 20%	11	Samsung EM	CL05A106MQ5NUNC	Rutronik	KKS2215	https://www.rutronik24.com/product/samsung+em/cl05a106mq5nunc/5967747.html
30 V power Schottky rectifier	D1	STPS2L30A	SMA	30V, 2A	1	STMicroelectronics	STPS2L30A	Rutronik	DSKY5073	https://www.rutronik24.com/search-result/nojs:1337/qs:STPS2L30A/reset:0
Terminal	J1	MSD02004	SAURO 2POS 2.54	2pos. 2.54mm, 12A	1	SAURO	MSD02004	Rutronik	CONN2626	https://www.rutronik24.com/search-result/nojs:1337/qs:MSD02004/reset:0
Shunt-Jumper	JP1	63429-302LF		2.54mm, TIN	1	Amphenol FCI	63429-302LF	Rutronik	63429-302LF	https://www.rutronik24.com/search-result/qs:63429-302LF/reset:0
BICOLOR LED RED/GREEN CLEAR	LD1, LD2, LD5	LSGT67K-JL-1-0	PLCC-4	SMT	3	OSRAM	LSGT67K-JL-1-0+HK-1-0-2-R18-Z	Rutronik	LED24219	https://www.rutronik24.com/search-result/nojs:1337/qs:LED24219/reset:0
BICOLOR LED YELLOW/GREEN CLEAR	LD3, LD4	LYGT67K-JL-1+HK-1	PLCC-4	SMT	2	OSRAM	LYGT67K-JL-1+HK-1	Rutronik	LED24482	https://www.rutronik24.com/search-result/qs:LYGT67K/reset:0
SMT Standoff	MH1, MH2, MH3	P/N 24883	SMD STANDOFF 4MM	M3, 4mm	3	Keystone Electronics	P/N 24883	Rutronik	BAT6083	https://www.rutronik24.com/product/keystone/24883/13479556.html
56 Pin Receptacle	P1	HRS-2G-56-SG-S	HRS 2G 56 SG SMT	0.050" Pitch, Dual Row	1	ADAM TECH	HRS-2G-56-SG-SMT	Rutronik	HRS-2G-56-SG-S	http://www.adam-tech.com/result.php?keyword=HRS-2G-XX-SG-SMT
8 Pin Receptacle	P2, P4	RS1-08-G-413	HDR1X8	0.100" Pitch, THT	2	ADAM TECH	RS1-08-G-413	Rutronik	RS1-08-G-413	http://www.adam-tech.com/result.php?keyword=RS1-XX-G-413
10 Pin Receptacle	P3	RS1-10-G-413	HDR1X10	0.100" Pitch, THT	1	ADAM TECH	RS1-10-G-413	Rutronik	RS1-10-G-413	http://www.adam-tech.com/result.php?keyword=RS1-XX-G-413
6 Pin Receptacle	P5	RS1-06-G-413	HDR1X6	0.100" Pitch, THT	1	ADAM TECH	RS1-06-G-413	Rutronik	RS1-06-G-413	http://www.adam-tech.com/result.php?keyword=RS1-XX-G-413
52 Pin Receptacle	P6, P7	HRS-2G-52-SG-S	HRS 2G 52 SG SMT	0.050" Pitch, Dual Row	2	ADAM TECH	HRS-2G-52-SG-SMT	Rutronik	HRS-2G-52-SG-S	http://www.adam-tech.com/result.php?keyword=HRS-2G-XX-SG-SMT
8 Pin Header	P11	PH1-03-TA	Hdr Male 1x3 2.54mm	0.100" Pitch, THT	1	ADAM TECH	PH1-03-TA	Rutronik	CONN1267	https://www.rutronik24.com/product/adam+tech/ph1-03-ta/11375299.html
Thick Film Resistor	R1, R2, R4, R5, R6	1K	R0402	5% 0,063W	5	Yageo	RC0402JR-071KL	Rutronik	WRC33833	https://www.rutronik24.com/search-result/nojs:1337/qs:RC0402JR-071KL/reset:0
Thick Film Resistor	R3	100K	R0402	5% 0,063W	1	Yageo	RC0402JR-07100KL	Rutronik	WRC33855	https://www.rutronik24.com/search-result/qs:RC0402JR-07100KL/reset:0
Thick Film Resistor	R8, R9, R24, R25, R26, R27, R28, R29	220R	R0402	5% 0,063W	8	Yageo	RC0402JR-07220RL	Rutronik	WRC33818	https://www.rutronik24.com/search-result/nojs:1337/qs:RC0402JR-07220RL/reset:0
SMT Test Point	TP2	5019	5019 keystone	3.81*2.03	1	Keystone Electronics	5019	Rutronik	BAT4950	https://www.rutronik24.com/product/keystone/5019/7028403.html
PSRR ultra low drop linear regulator	U1	LD39200PU33R	LD39200PU33R	6V, 2A	1	STMicroelectronics	LD39200PU33R	Rutronik	LD39200PU33R	https://www.rutronik24.com/search-result/qs:LD39200PU33R/reset:0