

## ALM SID GUTS DIY BOM v1.0

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RESISTORS -	#	PART NO	NOTES
100k	15		1% - 0.25W
10k	11		1% - 0.25W
1k	2		1% - 0.25W
220k	1		1% - 0.25W
2.2k	2		1% - 0.25W
330R	9		1% - 0.25W
47K	2		1% - 0.25W
DIODES	#	PART NO	NOTES
1N4148	2	1N4148	
BAT85S	2	BAT85S	
Schottky Diode	2	1N5817	1A 20V
CAPACITORS	#	PART NO	NOTES
1n Ceramic	1		
100n Ceramic	9		
1uf Electrolytic	2		
10uf Electrolytic	3		
470pf Film Cap	2		Filter caps for 6581 SID
2.2nf Film Cap	2		Filter caps for 8580 SID
MISC COMPONENTS	#	PART NO	NOTES
Ferrites	2		Any Ferrite that fits will work, or replace with 22R resistors
Resonator ZTT	1	C16M000000L003	
IC SOCKETS	#	PART NO	NOTES
16 pin DIL - 0.3"	2		
8 pin DIL - 0.3"	3		
28 pin DIL - 0.3"	1		
28 pin DIL - 0.6"	2		
PANEL COMPONENTS	#	PART NO	NOTES
Pots	5	RK09L1140A66	ALPS
Switches	3	3FTL6S	Mec
Switch Caps	3	1D00	Multimec
Jacks	9	1502 03	Lumberg
red LED	6		3mm
green LED	1		3mm
yellow LED	1		3mm
orange LED	1		3mm
PCB HEADERS ETC.	#	PART NO	NOTES
Male pin header 5x2	1		Power
Male pin header 3x2	1		PGM
Female pin socket 12x1	2		PCB Interconnect
Male pin header 12x1	2		PCB Interconnect
Male pin header 3x1	2		SID power select
Shunt	1		SID power select

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FIXINGS	#	PART NO	NOTES
M3 Screws	6		
Hex M3 standoff	1		12mm
M3 Nylon Washers	4		
ICs	#	PART NO	NOTES
TL072	3		
DG406	1		
7805	1	863-MC7805CTG	Voltage Regulator
7809	1	863-MC7809CTG	Voltage Regulator
Heatsinks	2	FK 237 SA 220 H	For Voltage Regs
74LS174N	1		
74HC595N	1		
ATMEGA328P-PU	1		
Ribbon Cables	#	PART NO	NOTES
Eurorack 10-16 pin power cable	1		