

Push Pull 6550 / ECC83 à Correction différentielle

Version A / 2019-02-25

Reference	Quantity	Value	Footprint	Datasheet	Description	Excalibur	Ref Achat
C33	1	47pF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	50V	009841	~
C1, C2	2	100pF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	50V	007246	~
C32	1	330pF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	50V	002776	~
C49	1	470pF	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	100V	021298	~
C7, C8	2	1,5nF	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2	~	630V	~	~
C48	1	10nF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	50V	009898	~
C17	1	47nF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	100V	018084	~
C5, C11, C12, C18, C19, C22, C25, C26, C27, C28, C30, C31, C40, C42, C202	15	100nF	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	25V	002137	~
C62, C66	2	100nF	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	100V	002033	~
C200	1	100nF	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	~	275V X1	~	~
C3, C4, C6	3	220nF	Capacitor_THT:C_Rect_L26.5mm_W7.0mm_P22.50mm_MKS4	~	400V	Farnell	1890239
C9	1	220nF	Capacitor_THT:C_Rect_L18.0mm_W7.0mm_P15.00mm_FKS3_FKP3	~	250V	Farnell	1890234
C44	1	1uF	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	16V	002039	~
C29, C41, C43, C46	4	10uF	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	25V	009718	~
C38, C39	2	10uF	Capacitor_SMD:C_2816_7142Metric_Pad3.20x4.45mm_HandSolder	2917	35V	002098	~
C64, C65	2	15uF	Capacitor_SMD:CP_Elec_8x10.5	~	160V	RS	843-2379
C20, C21, C23, C24, C50, C51, C52, C53	8	22uF	Capacitor_SMD:C_1210_3225Metric_Pad1.42x2.65mm_HandSolder	1210	25V	009617	~
C47	1	100uF	Capacitor_Tantalum_SMD:CP_EIA-7343-31_Kemet-D_Pad2.25x2.55mm	293D-D	10V	002078	~
C34, C35, C36, C37	4	220uF	Capacitor_THT:CP_Radial_D8.0mm_P3.50mm	D8-3.5	35V	003268	~
C54, C55, C56, C57, C58, C59	6	220uF	Capacitor_THT:CP_Radial_D18.0mm_P7.50mm	D18 H40	350V	Farnell	2480311
C60, C61, C63	3	220uF	Capacitor_THT:CP_Radial_D16.0mm_P7.50mm	~	160V	RS	715-2183
C201	1	820uF	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm	D10	25V	RS	725-9035
C45	1	1000uF	Capacitor_SMD:CP_Elec_10x10.5	D10 H10	16V	Farnell	2612064
C10, C13, C14, C15, C16	5	tbd	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	~	~

D1, D2, D27	3	BZG03C12	Diode_SMD:D_SMA_Handsoldering	SMA	~	004592	~
D3, D4, D200	3	DF10S	Diode_SMD:Diode_Bridge_Vishay_DFS	DF-S	~	030257	~
D7, D8, D9, D10, D11, D12, D14, D15, D16, D17	10	1N4148WT	Baby_Huey_6550:D_SOD-523_Hand	~	~	025200	~
D13	1	LM4040AIM3-4.1	Baby_Huey_6550:SOT-23_Hand	~	~	030652	~
D18, D19	2	MBR0540	Diode_SMD:D_SOD-123	SOD-123	~	009864	~
D20, D21, D22, D23	4	SK54C	Diode_SMD:D_SMC	~	031118	Farnell	1299291
D24	1	CMSH5-60	Diode_SMD:D_SMC	~	031119	Mouser	510-CMSH5-60
D25, D26	2	MBR2H200SF	Diode_SMD:D_SOD-123	~	031098	Farnell	2452032
D201, D202, D203	3	S1J	Diode_SMD:D_SMA_Handsoldering	~	~	~	~
LED1, LED2, LED3, LED4, LED200, LED201, LED202	7	ORANGE	LED_SMD:LED_PLCC-2	VLMO30L1M2-GS08	PLCC-2	007738	~
LED5	1	ORANGE	Baby_Huey_6550:LED_2520_Metric_ReverseMount_Hole2.3mm	KM2520SECK09	031027	RS	862-4522

F200	1	Fuse	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	~	~	~	~
JP1	1	JP 5.08	Connector_PinSocket_2.54mm:PinSocket_1x02_P2.54mm_Vertical	~	~	~	~
L1	1	DR127-220-R	Inductor_SMD:L_12x12mm_H8mm	~	031117	RS	770-1025
P1	1	470	Potentiometer_THT:Potentiometer_Bourns_3339P_Vertical_HandSoldering	~	~	~	~
P2	1	tbd	Potentiometer_THT:Potentiometer_Bourns_3296Y_Vertical	~	~	~	~
P3, P4	2	10K	Potentiometer_THT:Potentiometer_Bourns_3296Y_Vertical	T93YB103KT20	~	003933	~
RE1, RE2, RE3	3	FRT-F1CA	Relay_THT:Relay_DPDT_Fujitsu_FTR-F1C	~	~	RS	790-3319
RV200	1	ERZV20D431	Varistor:RV_Disc_D21.5mm_W4.3mm_P10mm	~	~	Farnell	1845496
TH200, TH201	2	60	Varistor:RV_Disc_D15.5mm_W3.9mm_P7.5mm	~	~	~	~
TR200	1	9V 2,8VA	Transformer_THT:Transformer_Breve_TEZ-28x33	~	~	RS	121-3832

Q1, Q2, Q3, Q4, Q17	5	PMBT5551	Baby_Huey_6550:SOT-23_Hand	SOT-23	~	025702	~
Q5, Q8	2	STF2N80K5	Package_TO_SOT_THT:TO-220-3_Vertical	~	031076	RS	829-4534
Q6, Q7, Q10, Q11, Q13, Q14	6	DZT5551	Package_TO_SOT_SMD:SOT-223-3_TabPin2	SOT-223-3	031031	RS	751-4329
Q9, Q12, Q16	3	MMBT5401	Baby_Huey_6550:SOT-23_Hand	~	031100	~	~

Reference	Quantity	Value	Footprint	Datasheet	Description	Excalibur	Ref Achat
Q15	1	BC847CDW	Package_TO_SOT_SMD:SOT-363_SC-70-6_Handsoldering		031087	Farnell	2464066
Q18	1	FQT3P20	Package_TO_SOT_SMD:SOT-223-3_TabPin2	~	031116	Farnell	2563970
Q200, Q201, Q202, Q203	4	BSS316N	Baby_Huey_6550:SOT-23_Hand	~	~	030260	~
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R47, R49, R95	3	0	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	010319	~
R204	1	0	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	~	~
R0, R29, R31, R99, R100	5	10	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R35	1	10	Resistor_THT:R_Axial_DIN0617_L17.0mm_D6.0mm_P25.40mm_Horizontal	3W	~	~	~
R92, R93, R108	3	10	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	009815	~
R200	1	10	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	~	~
R84, R85	2	22	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal	0,6W	~	005649	~
R18, R21, R39, R40, R202, R205, R207, R209	8	100	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	001103	~
R101, R103	2	100	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R94, R98	2	150	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	005467	~
R102	1	220	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R14, R15, R110	3	221	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	003880	~
R33, R34	2	270	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R22, R23, R61, R72, R106	5	330	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	007266	~
R7	1	680	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	027760	~
R2, R4, R74, R76, R96	5	1K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	003893	~
R51, R52, R62, R63, R77, R201, R203, R206, R208, R210	10	2K2	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	008808	~
R8, R46	2	2K2	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	003532	~
R30, R32	2	1K5	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	029890	~
R9	1	3K3	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	005587	~
R57, R68	2	3K5	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	009577	~
R97	1	3K9	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	009578	~
R24, R25, R80	3	4K7	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	003647	~
R58, R69, R78, R79	4	5K6	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	007260	~
R75, R90, R91, R107	4	10K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	003525	~
R87, R88	2	14K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	003609	~
R211, R212	2	22K	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R26	1	33K	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	~	~	029889	~
R27, R28	2	47K	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	2W	~	~	~
R73, R81, R82, R83	4	47K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	027886	~
R104	1	59K	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	003578	~
R1, R3, R16, R17, R19, R20, R60, R71	8	100K	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	007378	~
R86, R89	2	150K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	003622	~
R10, R11, R12, R13	4	220K	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	~	~	~	~
R53, R54, R64, R65	4	220K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	003896	~
R59, R70	2	270K	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	~	~
R55, R56, R66, R67	4	470K	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	007270	~
R36, R41, R42, R43, R44, R45	6	tbd	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	~	~
R105 (environ 30k)	1	tbd	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	1206	~	~	~
R5, R6, R37, R38, R48, R50	6	NC	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	0805	~	~	~
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U1	1	AD8597	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	~	031032	RS	709-7212
U2	1	ADR130B	Package_TO_SOT_SMD:SOT-23-6_Handsoldering	~	031055	Farnell	2377041
U3, U4, U5, U6	4	LM258	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	~	031056	RS	714-0720
U7	1	ADP7142AUZJ	Package_TO_SOT_SMD:TSOT-23-5	~	031034	RS	865-2277
U8	1	ADP7182AUZJ	Package_TO_SOT_SMD:TSOT-23-5	~	031054	RS	798-9187
U9	1	LM22679	Package_TO_SOT_SMD:TO-263-7_TabPin8	~	031033	RS	660-6121
U200	1	MC78M09CDTG	Package_TO_SOT_SMD:TO-252-3_TabPin2	~	~	RS	516-5809
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V1	1	ECC83	Baby_Huey_6550:Valve-Noval		~	~	~
V2 V3	2	6550	Baby_Huey_6550:Valve-Octal-Vis		~	~	~

