Top View

BOM

Line #	Designator	Part Number	Schematic Value	Footprint	Functional Analog	Quantity
1	C1	GRM188R72A104KA35D	0.1uF, 100V	C0603_160X080H080_H	GRM188R72A104KA35J	1
2	C2, C3, C9, C11	GRM188R61A226ME15D	22uF, 10V	C0603_160X080H080_H	GRM188R61A226ME15J	4
3	C4, C5, C19, C20, C24, C25	GCM155R71C104KA55D	0.1uF, 16V	C0402_100X050H050_H	GRM155R71C104KA88D, GCM155R71C104KA55J, GCM155R71C104KA55W	6
4	C6	GRM155R61A475MEAAD	4.7uF, 10V	C0402_100X050H050_H	GRM155R61A475MEAAJ	1
5	C7, C8, C10, C12	GRM155C71A105KE11D	1uF, 10V	C0402_100X050H050_H	GRM155C71A105KE11J	4
6	C13, C14	GRM1555C1H120JA01D	12pF, 50V	C0402_100X050H050_H	GJM1555C1H120GB01D, GRM1555C1H120JA01J, GRM1555C1H120JA01W	2
7	DA1	TLV70233DBVR	TLV70233DBVR	SOT-23-5_095P290X160X145_N	TLV70233DBVT	1
8	DD1	STM32F070F6P6	STM32F070F6P6	TSSOP-20_065P650X440X120_N		1
9	DD2, DD3	SN74LVC125APWR	SN74LVC125APWR	TSSOP-14_065P500X440X120_N	SN74LVC125APWT	2
10	DD4, DD5	SN74AVC1T45DBVR	SN74AVC1T45DBVR	SOT-23-6_095P290X160X145_N	SN74AVC1T45DBVT	2
14	FP1	0603L100SLYR		F0603_160X080H075_H		1
15	FV1, FV2	PESDUC2FD5VU	PESDUC2FD5VU	X1-DFN1006-2_070P060X100X050_N		2
16	HL1	NCD0603G1		LD0603_L		1
17	HL2, HL3, HL4, HL5	NCD0603W1		LD0603_L		4
18	L1	DLW21HN121SQ2L	, 280mA	DLW21HN-Series	DLW21HN121SQ2B	1
19	R1, R2, R7, R9, R10, R11, R16	RC0402JR-0710KL	10k ±5%	R0402_100X050H035_H		7
20	R3	RC0402JR-07100KL	100k ±5%	R0402_100X050H035_H		1
21	R4, R8	RC0402FR-075K1L	5.1k ±1%	R0402_100X050H035_H		2
22	R5	RC0402JR-0720RL	20 ±5%	R0402_100X050H035_H		1
23	R6, R12, R13, R14, R15	RC0402JR-07330RL	330 ±5%	R0402_100X050H035_H		5
29	SB1, SB2	IT-1185AP	IT-1185AP	IT-1185AP		2
30	XP1, XP2	PLS-5	PLS-5	PLS-5		2
31	XS1	U262-161N-4BVC11		U262-161N-4BVC11	C167321	1
32	XT1, XT2, XT3	ECH381R-04P	ECH381R-04P	ECH381R-04P		3
33	ZQ1	KX-9A 8.0 MHz 30/50/100 16 pF	8MHz ±50ppm	SMD 5x3.2mm		1

Project: USB-Serial

Revision: 1.2

Week: 2303

Bottom View

BOM
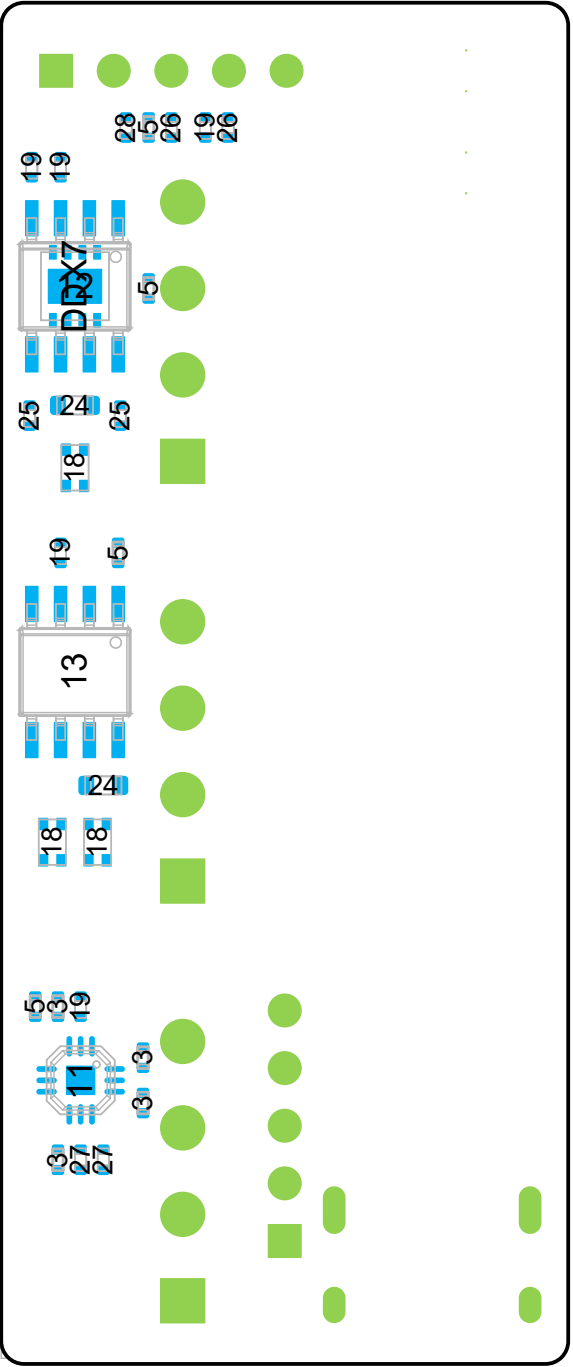
Line #	Designator	Part Number	Schematic Value	Footprint	Functional Analog	Quantity
3	C15, C16, C17, C18	GCM155R71C104KA55D	0.1uF, 16V	C0402_100X050H050_H	GRM155R71C104KA88D, GCM155R71C104KA55J, GCM155R71C104KA55W	4
5	C21, C22, C23, C26	GRM155C71A105KE11D	1uF, 10V	C0402_100X050H050_H	GRM155C71A105KE11J	4
11	DD6	ADM3101EACPZ	ADM3101EACPZ	LFCSP-12_050P300X300X080_N		1
12	DD7	TP75176E-FR	TP75176E-FR	DFN-8_065P300X300X090_N	SIT3088ETK	1
13	DD8	ADM3077EARZ	ADM3077EARZ	SOIC-8_127P490X391X155_N	ADM3077EYRZ	1
18	L2, L3, L4	DLW21HN121SQ2L	, 280mA	DLW21HN-Series	DLW21HN121SQ2B	3
19	R17, R18, R19, R20, R23	RC0402JR-0710KL	10k ±5%	R0402_100X050H035_H		5
24	R21, R22	RC0603JR-07120R	120 ±5%	R0603_160X080H045_H		2
25	R24, R25	RC0402FR-071K5L	15k ±1%	R0402_100X050H035_H		2
26	R26, R27	RC0402JR-0722RL	22 ±5%	R0402_100X050H035_H		2
27	R28, R29	RC0402JR-070RL	0 ±5%	R0402_100X050H035_H		2
28	R30	RC0402JR-071R5L	1.5 ±5%	R0402_100X050H035_H		1