Default Bus Connectors

First 104 pins follow pumpkin CSK bus (Rev E) pins
Some user and IO pins have been assigned by SLI
(that are not used by any other peripherials)

PCB BOTTOM — PCB TOP

J200_2 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_4 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_6 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_8 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

End of CSK Bus

J200_1 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_3 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_5 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

J200_7 — HSEC8-160-01-S-DV-A-K-TR

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26
H1-27	61	62	H1-28
H2-27	63	64	H2-28
BUS_RESET	65	66	H1-30
GND	67	68	GND
H1-31	69	70	5V_USB
AGND	71	72	GND
H1-33	73	74	H1-34
H2-33	75	76	H2-34
H1-35	77	78	H1-36
H2-35	79	80	H2-36
H1-37	81	82	H1-38
H2-37	83	84	H2-38
H1-39	85	86	H1-40
H2-39	87	88	H2-40
H1-41	89	90	H1-42
H2-41	91	92	H2-42
H1-43	93	94	H1-44
H2-43	95	96	H2-44
H1-45	97	98	H1-46
H2-45	99	100	H2-46
SELF_TEST	101	102	USER_1
GND	103	104	GND
USER_2	105	106	USER_3
H2-49	107	108	H2-50
H1-51	109	110	H1-52
H2-51	111	112	H2-52
+Y_SOLAR_TLE	113	114	-X_SOLAR_TLE
+Y_SOLAR_RTN	115	116	-X_SOLAR_RTN
+Y_SOLAR_PWR	117	118	-X_SOLAR_PWR
SEP3	119	120	SEP4

End of CSK Bus

BACKPLANE CONNECTORS ARE NUMBERED FROM BOTTOM OF STACK
CONTACT RATING 2.8A PER PIN

COPPER THICKNESS: 2OZ
TRACE WIDTH: 0.5mm VIA SIZE: 0.2mm DRILL, 0.5mm PAD

Solar Connectors

J105 — +X SOLAR PANEL — DF13-6P-1.25V(76)

1	+X_SOLAR_PWR
2	+X_SOLAR_RTN
3	+X_SOLAR_TLE
4	CHS
5	GND
6	GND
7	CHS

J106 — -X SOLAR PANEL — DF13-6P-1.25V(76)

1	-X_SOLAR_PWR
2	-X_SOLAR_RTN
3	-X_SOLAR_TLE
4	CHS
5	GND
6	GND
7	CHS

J107 — +Y SOLAR PANEL — DF13-6P-1.25V(76)

1	+Y_SOLAR_PWR
2	+Y_SOLAR_RTN
3	+Y_SOLAR_TLE
4	CHS
5	GND
6	GND
7	CHS

Mounting Holes

MH100 M3
MH101 M3
MH102 M3
MH103 M3
MH104 M3
MH105 M3

C100 0.1uF
C101 0.1uF
C102 0.1uF
C103 0.1uF
C104 0.1uF
C105 0.1uF

CHS — GND

User Switches

Configure pin on PPM/Motherboard/mainboard to have an internal pull up for H1-47 (USER0) for SELF_TEST input.

BUS_RESET — KMT031NGJLHS RESET SW100 — GND
SELF_TEST — KMT031NGJLHS RESET SW101 — GND

CHS — CHS
GND — GND

LED Driver

SIN and SCLK are connected to the SDO0 and SCK0 pins on the bus respectively
USER_1 (active high) not only activates the latch on U600-601
but allows serial data to pass to them

Sheet: LED Driver
File: LED_Driver.sch

5V_USB → 5V_USB
H1-21 → SCLK
H1-23 → SIN
USER_1 → LATCH

CHS, GND Jumper

0mR DNP R100
CHS — GND

Seperation Switches, -Z solar panel Connector

J100 — SEPERATION_SW — DF13C-15P-1.25V(76)

1	SEP1
2	GND
3	SEP2
4	GND
5	SEP3
6	GND
7	SEP4
8	GND
9	-Z_SOLAR_PWR
10	-Z_SOLAR_RTN
11	-Z_SOLAR_TLE
12	GND
13	GND
14	GND
15	GND
16	CHS

Burn Wire Connectors

J101 — BURN_WIRES — F13-4P-1.25(76)

1	H1-1 burn1
2	GND
3	H1-2 burn2
4	GND

may need to move these in future

J300 — Breakout Connector — TLH-030-0.50-G-D-A

SEP1			SEP2
-Z_SOLAR_TLE	3	4	+X_SOLAR_TLE
-Z_SOLAR_RTN	5	6	+X_SOLAR_RTN
-Z_SOLAR_PWR	7	8	+X_SOLAR_PWR
H1-1	9	10	H1-2
H2-1	11	12	H2-2
H1-3	13	14	H1-4
H2-3	15	16	H2-4
H1-5	17	18	H1-6
H2-5	19	20	H2-6
H1-7	21	22	H1-8
H2-7	23	24	H2-8
H1-9	25	26	H1-10
H2-9	27	28	H2-10
H1-11	29	30	H1-12
H2-11	31	32	H2-12
H1-13	33	34	H1-14
H2-13	35	36	H2-14
RBF	37	38	H1-16
H2-15	39	40	H2-16
H1-17	41	42	H1-18
H2-17	43	44	H2-18
H1-19	45	46	H1-20
H2-19	47	48	H2-20
H1-21	49	50	H1-22
H2-21	51	52	H2-22
H1-23	53	54	H1-24
H2-23	55	56	H2-24
H1-25	57	58	H1-26
H2-25	59	60	H2-26

J301 — Breakout Connector — TLH-030-0.50-G-D-A

H1-27	1	2	H1-28
H2-27	3	4	H2-28
BUS_RESET	5	6	H1-30
GND	7	8	GND
H1-31	9	10	5V_USB
AGND	11	12	GND
H1-33	13	14	H1-34
H2-33	15	16	H2-34
H1-35	17	18	H1-36
H2-35	19	20	H2-36
H1-37	21	22	H1-38
H2-37	23	24	H2-38
H1-39	25	26	H1-40
H2-39	27	28	H2-40
H1-41	29	30	H1-42
H2-41	31	32	H2-42
H1-43	33	34	H1-44
H2-43	35	36	H2-44
H1-45	37	38	H1-46
H2-45	39	40	H2-46
SELF_TEST	41	42	USER_1
GND	43	44	GND
USER_2	45	46	USER_3
H2-49	47	48	H2-50
H1-51	49	50	H1-52
H2-51	51	52	H2-52
+Y_SOLAR_TLE	53	54	-X_SOLAR_TLE
+Y_SOLAR_RTN	55	56	-X_SOLAR_RTN
+Y_SOLAR_PWR	57	58	-X_SOLAR_PWR
SEP3	59	60	SEP4

BACKPLANE BREAKOUT CONNECTOR IS ONLY USED FOR GROUND TESTING
CONTACT RATING 2.1A PER PIN
TRACE WIDTH: 0.25mm
VIA SIZE: 0.2mm DRILL, 0.5mm PAD

BACKPLANE

todo:
add burn wire connectors?

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Sierra Lobo, Inc.

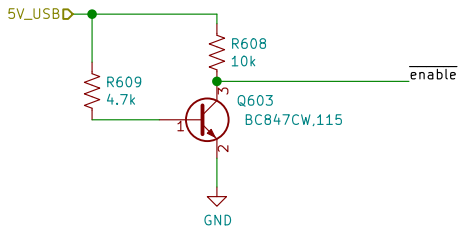
Sheet: /
File: backplane.sch

Title: backplane-SchDoc

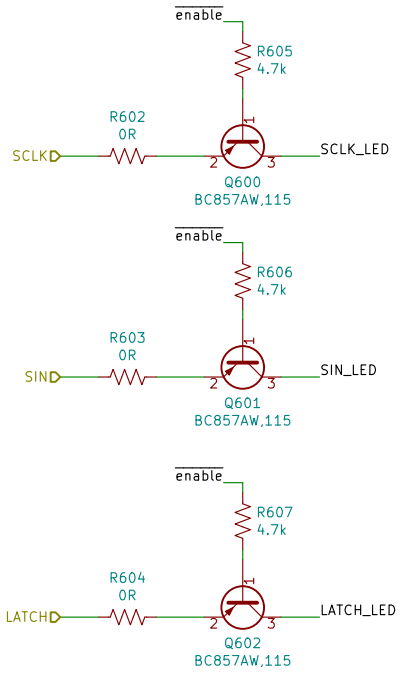
Size: C	Date: 2021-12-10	**Rev: A1**
KiCad E.D.A. kicad (5.1.10)-1		Id: 1/2

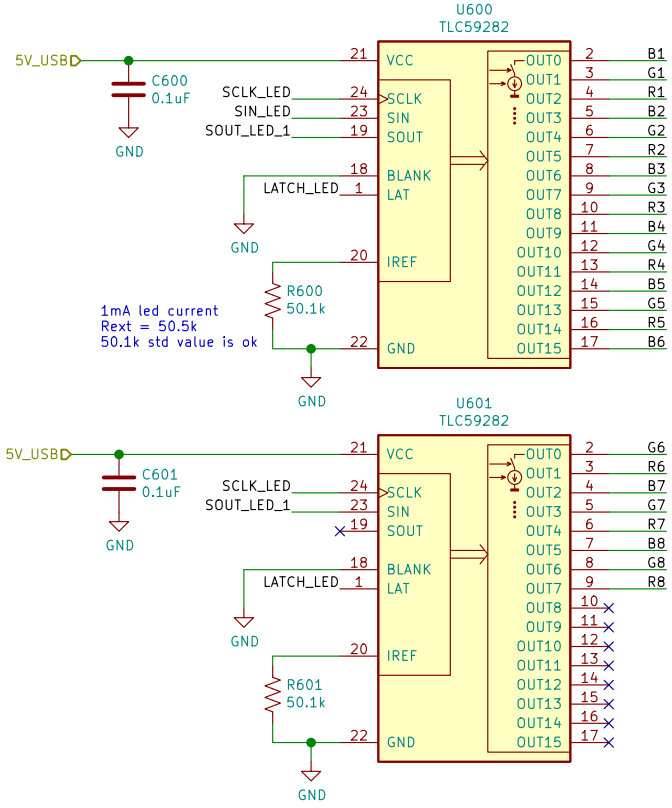
LED Driver Circuity

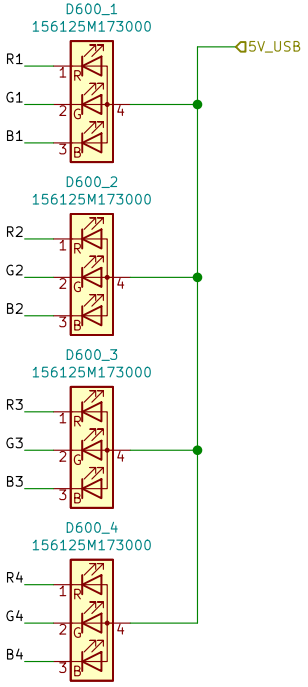
LED current can be adjusted thru R600_1 and R600_2
This circuity can be disabled thru removing R600_3-R600_5

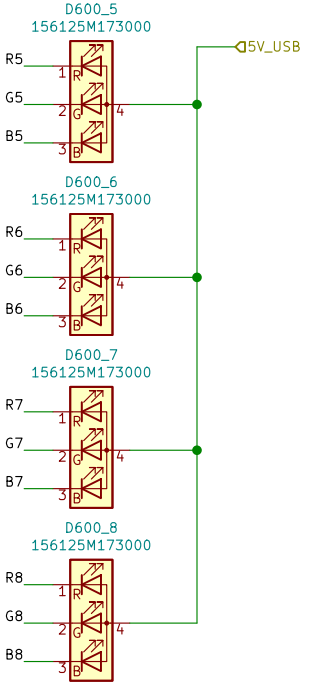


Only allows data lines to pass thru if 5vusb is connected
disconects these devices in flight









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File: LED_Driver.sch

Title: LED Driver

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