

## f373\_seq2\_back\_bom

| RefDes  | Name         | Value                  | M   | Qty | Mfg P/N               |
|---------|--------------|------------------------|-----|-----|-----------------------|
| C4      | CAP_0603     | 0.1uF                  |     | 1   |                       |
| C208    | CAP_0603     | 0.1uF                  |     | 1   |                       |
| C210    | CAP_0603     | 0.1uF                  |     | 1   |                       |
| C217    | CAP_0603     | 0.1uF                  |     | 1   | 4 C1608X7R1H103K080AA |
| C303    | CAP_0805     | 10uF                   |     | 1   | 1 EMK212BB7106MG-T    |
| C302    | CAP_0603     | 1uF                    |     | 1   |                       |
| C304    | CAP_0603     | 1uF                    |     | 1   |                       |
| C305    | CAP_0603     | 1uF                    |     | 1   | 3 GCM188R71E105KA64D  |
| C5      | CAP_0603     | 680pF                  |     | 1   |                       |
| C203    | CAP_0603     | 680pF                  |     | 1   |                       |
| C207    | CAP_0603     | 680pF                  |     | 1   | 3 C1608C0G1H681J080AA |
| C3      | CAP_0603     | 82pF                   |     | 1   |                       |
| C201    | CAP_0603     | 82pF                   |     | 1   |                       |
| C204    | CAP_0603     | 82pF                   |     | 1   | 3 C1608C0G1H820J080AA |
| CLK_IN  | PHONEJACK2   |                        |     | 1   |                       |
| CLK_OUT | PHONEJACK2   |                        |     | 1   |                       |
| GATE_A  | PHONEJACK2   |                        |     | 1   |                       |
| GATE_B  | PHONEJACK2   |                        |     | 1   |                       |
| GATE_C  | PHONEJACK2   |                        |     | 1   |                       |
| OUT_A   | PHONEJACK2   |                        |     | 1   |                       |
| OUT_B   | PHONEJACK2   |                        |     | 1   |                       |
| OUT_C   | PHONEJACK2   |                        |     | 1   |                       |
| RST_IN  | PHONEJACK2   |                        |     | 1   |                       |
| RST_OUT | PHONEJACK2   |                        |     | 1   | 10 PJ301M-12          |
| D201    | LM4041_F     | LM4040-5.0             |     | 1   | 1 LM4040DYM3-5.0 TR   |
| D301    |              | MRA4003T3G             |     | 1   |                       |
| D302    |              | MRA4003T3G             |     | 1   | 2 MRA4003T3G          |
| J1      | socket       | 0.1" dual 12-pin socke |     | 1   | 1 CES-106-01-T-D      |
| L301    | IND_0805     | BLM21PG221SN1D         |     | 1   |                       |
| L303    | IND_0805     | BLM21PG221SN1D         |     | 1   | 2 BLM21PG221SN1D      |
| LED1    | LED          | T1 Red                 |     | 1   |                       |
| LED2    | LED          | T1 Red                 |     | 1   |                       |
| LED3    | LED          | T1 Red                 |     | 1   |                       |
| LED4    | LED          | T1 Red                 |     | 1   |                       |
| LED5    | LED          | T1 Red                 |     | 1   | 5 LTL-4221N           |
| POWER   | Power Header |                        |     | 1   | 1 103308-3            |
| Q201    | MMBT3904     | MMBT3904               |     | 1   |                       |
| Q202    | MMBT3904     | MMBT3904               |     | 1   | 2 MMBT3904-7-F        |
| R6      | RES_0603     |                        | 100 | 1   |                       |
| R7      | RES_0603     |                        | 100 | 1   |                       |
| R8      | RES_0603     |                        | 100 | 1   |                       |
| R9      | RES_0603     |                        | 100 | 1   |                       |
| R10     | RES_0603     |                        | 100 | 1   |                       |
| R21     | RES_0603     |                        | 100 | 1   |                       |
| R205    | RES_0603     |                        | 100 | 1   |                       |
| R214    | RES_0603     |                        | 100 | 1   | 8 ERJ-3GEYJ101V       |
| R11     | RES_0603     |                        | 330 | 1   |                       |

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|      |              |              |     |   |                    |
|------|--------------|--------------|-----|---|--------------------|
| R12  | RES_0603     |              | 330 | 1 |                    |
| R13  | RES_0603     |              | 330 | 1 |                    |
| R14  | RES_0603     |              | 330 | 1 |                    |
| R15  | RES_0603     |              | 330 | 1 | 5 ERJ-3GEYJ331V    |
| R5   | RES_0603     | 100k         |     | 1 |                    |
| R202 | RES_0603     | 100k         |     | 1 |                    |
| R210 | RES_0603     | 100k         |     | 1 |                    |
| R220 | RES_0603     | 100k         |     | 1 |                    |
| R228 | RES_0603     | 100k         |     | 1 | 5 CRCW0603100KFKEA |
| R217 | RES_0603     | 10k          |     | 1 |                    |
| R226 | RES_0603     | 10k          |     | 1 | 2 ERJ-3GEYJ103V    |
| R16  | RES_0603     | 11k8         |     | 1 |                    |
| R17  | RES_0603     | 11k8         |     | 1 |                    |
| R203 | RES_0603     | 11k8         |     | 1 |                    |
| R204 | RES_0603     | 11k8         |     | 1 |                    |
| R212 | RES_0603     | 11k8         |     | 1 |                    |
| R213 | RES_0603     | 11k8         |     | 1 | 6 CRCW060311K8FKEA |
| R232 | RES_0603     | 2k5          |     | 1 | 1 ERJ-3GEYJ242V    |
| R4   | RES_0603     | 71k5         |     | 1 |                    |
| R201 | RES_0603     | 71k5         |     | 1 |                    |
| R209 | RES_0603     | 71k5         |     | 1 | 3 CRCW060371K5FKEA |
| U1   | LD1117S50CTR | LD1117S50CTR |     | 1 | 1 LD1117S50CTR     |
| U2   | SN74HCT04PWR | SN74HCT04PWR |     | 1 | 1 SN74HCT04PWR     |
| U3   | TL074PW      |              |     | 1 | 1 TL074CPWR        |
| U302 | LD1117S33CTR | LD1117S33CTR |     | 1 | 1 LD1117S33CTR     |

| Distributor | Distributor P/N |
|-------------|-----------------|
|-------------|-----------------|

Mouser 810-C1608X7R1H103K

Mouser 963-EMK212BB7106MG-T

Mouser 81-GCM188R71E105KA4D

Mouser 810-C1608C0G1H681J

Mouser 810-C1608C0G1H820J

Erthenvar  
Digi-Key 576-2570-1-ND

Mouser 863-MRA4003T3G  
Digi-Key SAM1086-06-ND

Digi-Key 490-1054-1-ND

Digi-Key 160-1139-ND  
Mouser 571-1033083

Digi-Key MMBT3904-FDICT-ND

Digi-Key P100GCT-ND

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| Digi-Key | P330GCT-ND |
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| Mouser | 71-CRCW0603-100K-E3 |
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| Digi-Key | P10KGCT-ND |
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| Mouser   | 71-CRCW0603-11.8K-E3 |
| Digi-Key | P2.4KGCT-ND          |

|          |                      |
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| Mouser   | 71-CRCW0603-71.5K-E3 |
| Digi-Key | 497-1243-1-ND        |
| Digi-Key | 296-8382-1-ND        |
| Digi-Key | 296-7198-1-ND        |
| Digi-Key | 497-1241-1-ND        |