

BOM: 050912_001C

Date 11-11-16

Item	Qty/Brd	Ref. Design	Value	Footprint	Description	Manf. Part #	Distributor	Distributor Part #
1	6	C1, C2, C3, C4, C11, C12	0.1 uF	0402	CAP CER 0.1UF 16V Y5V 0402	CC0402ZRY5V7BB104	Digikey	311-1047-1-ND
2	2	IC1, IC2	op amp	SOT23-6	IC OPAMP R-R I/O 165MHZ SOT-23-6	LT6200CS6#TRMPBFCT-ND	Digikey	LT6200CS6#TRMPBFCT-ND
3	2	R1, R9	6.8 k Ω	0402	RES 6.80k ohm 1/16 W 1% 0402 SMD	CRCW04026K80FKED	Digikey	541-6.80KLCT-ND
4	2	R2, R10	11.5 k Ω	0402	RES 11.5k ohm 1/16 W 1% 0402 SMD	CRCW040211k5FKED	Digikey	541-11.5KLCT-ND
5	2	R3, R11	3.74 M Ω	0402	RES 3.74M ohm 1/16 W 1% 0402 SMD	CRCW04023M74FKED	Digikey	541-3.74MLCT-ND
6	4	R4, R5 , R6, R7 , R8, R12	0 Ω	0402	RES 0.0 OHM 1/16W 0402 SMD	CRCW04020000Z0ED	Digikey	541-0.0JCT-ND
7	2	U\$1, U\$2	IC	QFN56	fully-integrated multi-channel amplifier	RHA2132	Intan Tech	RHA2132
8	1	U\$3	connector	-	nano-miniature connector	NPD-10-AA-GS	Omnetics	NPD-10-AA-GS
9	2	U\$4, U\$6	connector	through hole	high density tiger eye socket - 40 pins	FOLC-110-L4-S-Q	Samtec	FOLC-110-L4-S-Q

Parts in red are not to be populated