

Ref Des	Descr	Digi-Key Part #
IR Receiver Module	Sharp GP1UM281QK (38KHz)	425-1147
IC1	TinyIR chip	---
IC2	5V Linear Regulator, TO-92	LM78L05ACZNS
Q1	2N3904 NPN transistor, TO-92	2N3904
S1	Learn switch, SPST	SW400
D1-D3	Output type setting diodes	1N4148FS
D4	LED, 5mm Hi Eff Red	MV5754A
R1	Install only if volt reg not used	0.0QBK
R2,R3	4.7K ohm resistor	4.7KQBK
R4	240 ohm resistor	240QBK
R5	47 ohm resistor	47QBK
R6	1M ohm resistor	1.0MQBK
C1	47 uF 16V electrolytic cap.	P5137
C2,C3	0.1 uF ceramic cap	BC1148CT
JP1	Pin header	S2011-36

Female IDC connector for JP1: ASC10G

Notes: Install D1-D3 as needed to select output configuration desired.
Install either IC2 or R1, but not both.